# **Product Datasheet**

# TIMP-4 Antibody NBP2-20645

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

**Publications: 1** 

Protocols, Publications, Related Products, Reviews, Research Tools and Images at: www.novusbio.com/NBP2-20645

Updated 10/23/2024 v.20.1

Earn rewards for product reviews and publications.

Submit a publication at www.novusbio.com/publications Submit a review at www.novusbio.com/reviews/destination/NBP2-20645



# NBP2-20645

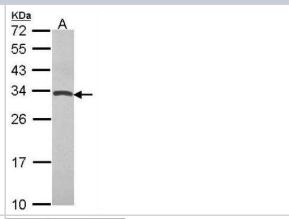
TIMP-4 Antibody

Product Information       Unit Size     0.1 ml       Concentration     Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.       Storage     Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.       Clonality     Polyclonal       Preservative     0.01% Thimerosal       Isotype     IgG       Purity     Antigen Affinity-purified       Buffer     0.1M Tris (pH 7), 0.1M Glycine, 20% Glycerol       Target Molecular Weight     26 kDa       Product Description       Host     Rabbit       Gene ID     7079       Gene Symbol     TIMP4       Species     Human       Reactivity Notes     Mouse reactivity reported in scientific literature (PMID: 26896238).       Immunogen     Recombinant protein encompassing a sequence within the center region of human TIMP-4. The exact sequence is proprietary.       Product Application Details       Applications     Western Blot, Immunocytochemistry/ Immunofluorescence       Recommended Dilutions     Western Blot 1:500-1:3000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000	Tilvii -4 Allibody	
Concentration Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.  Storage Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.  Clonality Polyclonal  Preservative 0.01% Thimerosal Isotype IgG Purity Antigen Affinity-purified  Buffer 0.1M Tris (pH 7), 0.1M Glycine, 20% Glycerol  Target Molecular Weight 26 kDa  Product Description Host Rabbit Gene ID 7079 Gene Symbol TIMP4 Species Human Reactivity Notes Mouse reactivity reported in scientific literature (PMID: 26896238). Immunogen Recombinant protein encompassing a sequence within the center region of human TIMP-4. The exact sequence is proprietary.  Product Application Details Applications Western Blot 1:500-1:3000, Immunocytochemistry/ Immunofluorescence Recommended Dilutions Western Blot 1:500-1:3000, Immunocytochemistry/ Immunofluorescence 1:100-	Product Information	
contact technical sérvices.  Storage Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.  Clonality Polyclonal  Preservative 0.01% Thimerosal  Isotype IgG  Purity Antigen Affinity-purified  Buffer 0.1M Tris (pH 7), 0.1M Glycine, 20% Glycerol  Target Molecular Weight 26 kDa  Product Description  Host Rabbit  Gene ID 7079  Gene Symbol TIMP4  Species Human  Reactivity Notes Mouse reactivity reported in scientific literature (PMID: 26896238).  Immunogen Recombinant protein encompassing a sequence within the center region of human TIMP-4. The exact sequence is proprietary.  Product Application Details  Applications Western Blot 1:500-1:3000, Immunocytochemistry/ Immunofluorescence 1:100-	Unit Size	0.1 ml
Clonality Polyclonal Preservative 0.01% Thimerosal Isotype IgG Purity Antigen Affinity-purified Buffer 0.1M Tris (pH 7), 0.1M Glycine, 20% Glycerol Target Molecular Weight 26 kDa  Product Description Host Rabbit Gene ID 7079 Gene Symbol TIMP4 Species Human Reactivity Notes Mouse reactivity reported in scientific literature (PMID: 26896238). Immunogen Recombinant protein encompassing a sequence within the center region of human TIMP-4. The exact sequence is proprietary.  Product Application Details Applications Western Blot 1:500-1:3000, Immunocytochemistry/ Immunofluorescence 1:100-	Concentration	
Preservative 0.01% Thimerosal  Isotype IgG Purity Antigen Affinity-purified  Buffer 0.1M Tris (pH 7), 0.1M Glycine, 20% Glycerol  Target Molecular Weight 26 kDa  Product Description Host Rabbit Gene ID 7079 Gene Symbol TIMP4 Species Human  Reactivity Notes Mouse reactivity reported in scientific literature (PMID: 26896238).  Immunogen Recombinant protein encompassing a sequence within the center region of human TIMP-4. The exact sequence is proprietary.  Product Application Details  Applications Western Blot, Immunocytochemistry/ Immunofluorescence  Recommended Dilutions Western Blot 1:500-1:3000, Immunocytochemistry/ Immunofluorescence 1:100-	Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Isotype IgG Purity Antigen Affinity-purified Buffer 0.1M Tris (pH 7), 0.1M Glycine, 20% Glycerol Target Molecular Weight 26 kDa  Product Description Host Rabbit Gene ID 7079 Gene Symbol TIMP4 Species Human Reactivity Notes Mouse reactivity reported in scientific literature (PMID: 26896238). Immunogen Recombinant protein encompassing a sequence within the center region of human TIMP-4. The exact sequence is proprietary.  Product Application Details Applications Western Blot, Immunocytochemistry/ Immunofluorescence Recommended Dilutions Western Blot 1:500-1:3000, Immunocytochemistry/ Immunofluorescence 1:100-	Clonality	Polyclonal
Purity Antigen Affinity-purified Buffer 0.1M Tris (pH 7), 0.1M Glycine, 20% Glycerol Target Molecular Weight 26 kDa  Product Description Host Rabbit Gene ID 7079 Gene Symbol TIMP4 Species Human Reactivity Notes Mouse reactivity reported in scientific literature (PMID: 26896238). Immunogen Recombinant protein encompassing a sequence within the center region of human TIMP-4. The exact sequence is proprietary.  Product Application Details Applications Western Blot, Immunocytochemistry/ Immunofluorescence Recommended Dilutions Western Blot 1:500-1:3000, Immunocytochemistry/ Immunofluorescence 1:100-	Preservative	0.01% Thimerosal
Buffer 0.1M Tris (pH 7), 0.1M Glycine, 20% Glycerol  Target Molecular Weight 26 kDa  Product Description  Host Rabbit  Gene ID 7079  Gene Symbol TIMP4  Species Human  Reactivity Notes Mouse reactivity reported in scientific literature (PMID: 26896238).  Immunogen Recombinant protein encompassing a sequence within the center region of human TIMP-4. The exact sequence is proprietary.  Product Application Details  Applications Western Blot, Immunocytochemistry/ Immunofluorescence  Recommended Dilutions Western Blot 1:500-1:3000, Immunocytochemistry/ Immunofluorescence 1:100-	Isotype	IgG
Target Molecular Weight  26 kDa  Product Description  Host  Gene ID  7079  Gene Symbol  TIMP4  Species  Human  Reactivity Notes  Mouse reactivity reported in scientific literature (PMID: 26896238).  Immunogen  Recombinant protein encompassing a sequence within the center region of human TIMP-4. The exact sequence is proprietary.  Product Application Details  Applications  Western Blot, Immunocytochemistry/ Immunofluorescence  Recommended Dilutions  Western Blot 1:500-1:3000, Immunocytochemistry/ Immunofluorescence 1:100-	Purity	Antigen Affinity-purified
Product Description  Host Rabbit  Gene ID 7079  Gene Symbol TIMP4  Species Human  Reactivity Notes Mouse reactivity reported in scientific literature (PMID: 26896238).  Immunogen Recombinant protein encompassing a sequence within the center region of human TIMP-4. The exact sequence is proprietary.  Product Application Details  Applications Western Blot, Immunocytochemistry/ Immunofluorescence  Recommended Dilutions Western Blot 1:500-1:3000, Immunocytochemistry/ Immunofluorescence 1:100-	Buffer	0.1M Tris (pH 7), 0.1M Glycine, 20% Glycerol
Host Rabbit  Gene ID 7079  Gene Symbol TIMP4  Species Human  Reactivity Notes Mouse reactivity reported in scientific literature (PMID: 26896238).  Immunogen Recombinant protein encompassing a sequence within the center region of human TIMP-4. The exact sequence is proprietary.  Product Application Details  Applications Western Blot, Immunocytochemistry/ Immunofluorescence  Recommended Dilutions Western Blot 1:500-1:3000, Immunocytochemistry/ Immunofluorescence 1:100-	Target Molecular Weight	26 kDa
Gene Symbol TIMP4 Species Human Reactivity Notes Mouse reactivity reported in scientific literature (PMID: 26896238). Immunogen Recombinant protein encompassing a sequence within the center region of human TIMP-4. The exact sequence is proprietary.  Product Application Details Applications Western Blot, Immunocytochemistry/ Immunofluorescence Recommended Dilutions Western Blot 1:500-1:3000, Immunocytochemistry/ Immunofluorescence 1:100-	Product Description	
Gene Symbol TIMP4 Species Human Reactivity Notes Mouse reactivity reported in scientific literature (PMID: 26896238). Immunogen Recombinant protein encompassing a sequence within the center region of human TIMP-4. The exact sequence is proprietary.  Product Application Details Applications Western Blot, Immunocytochemistry/ Immunofluorescence Recommended Dilutions Western Blot 1:500-1:3000, Immunocytochemistry/ Immunofluorescence 1:100-	Host	Rabbit
Species Human  Reactivity Notes Mouse reactivity reported in scientific literature (PMID: 26896238).  Immunogen Recombinant protein encompassing a sequence within the center region of human TIMP-4. The exact sequence is proprietary.  Product Application Details  Applications Western Blot, Immunocytochemistry/ Immunofluorescence  Recommended Dilutions Western Blot 1:500-1:3000, Immunocytochemistry/ Immunofluorescence 1:100-	Gene ID	7079
Reactivity Notes  Mouse reactivity reported in scientific literature (PMID: 26896238).  Recombinant protein encompassing a sequence within the center region of human TIMP-4. The exact sequence is proprietary.  Product Application Details  Applications  Western Blot, Immunocytochemistry/ Immunofluorescence  Recommended Dilutions  Western Blot 1:500-1:3000, Immunocytochemistry/ Immunofluorescence 1:100-	Gene Symbol	TIMP4
Immunogen         Recombinant protein encompassing a sequence within the center region of human TIMP-4. The exact sequence is proprietary.           Product Application Details         Western Blot, Immunocytochemistry/ Immunofluorescence           Recommended Dilutions         Western Blot 1:500-1:3000, Immunocytochemistry/ Immunofluorescence 1:100-	Species	Human
human TIMP-4. The exact sequence is proprietary.  Product Application Details  Applications  Western Blot, Immunocytochemistry/ Immunofluorescence  Recommended Dilutions  Western Blot 1:500-1:3000, Immunocytochemistry/ Immunofluorescence 1:100-	Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 26896238).
Applications Western Blot, Immunocytochemistry/ Immunofluorescence  Recommended Dilutions Western Blot 1:500-1:3000, Immunocytochemistry/ Immunofluorescence 1:100-	Immunogen	
Recommended Dilutions Western Blot 1:500-1:3000, Immunocytochemistry/ Immunofluorescence 1:100-	Product Application Details	
	Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
	Recommended Dilutions	



## **Images**

Western Blot: TIMP-4 Antibody [NBP2-20645] - Sample (30 ug of whole cell lysate) A: Hela 12% SDS PAGE gel, diluted at 1:1000.



Immunocytochemistry/Immunofluorescence: TIMP-4 Antibody [NBP2-20645] - Analysis of methanol-fixed HeLa, using antibody at 1:200 dilution.



#### **Publications**

Silva MT, Nascimento TL, Pereira MG et al. beta2-Adrenoceptor is involved in connective tissue remodeling in regenerating muscles by decreasing the activity of MMP-9 Cell Tissue Res. 2016-02-20 [PMID: 26896238] (WB, Mouse)





# Novus Biologicals USA

10730 E. Briarwood Avenue Centennial, CO 80112

USA

Phone: 303.730.1950 Toll Free: 1.888.506.6887

Fax: 303.730.1966

nb-customerservice@bio-techne.com

#### **Bio-Techne Canada**

21 Canmotor Ave Toronto, ON M8Z 4E6

Canada

Phone: 905.827.6400 Toll Free: 855.668.8722 Fax: 905.827.6402

canada.inquires@bio-techne.com

#### **Bio-Techne Ltd**

19 Barton Lane Abingdon Science Park Abingdon, OX14 3NB, United Kingdom Phone: (44) (0) 1235 529449

Free Phone: 0800 37 34 15 Fax: (44) (0) 1235 533420 info.EMEA@bio-techne.com

#### **General Contact Information**

www.novusbio.com

Technical Support: nb-technical@bio-

techne.com

Orders: nb-customerservice@bio-techne.com

General: novus@novusbio.com

## **Products Related to NBP2-20645**

HAF008 Goat anti-Rabbit IgG Secondary Antibody [HRP]

NB7160 Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]

NBP2-24891 Rabbit IgG Isotype Control 210-TA-005 TNF-alpha [Unconjugated]

#### Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP2-20645

Earn gift cards/discounts by submitting a publication using this product: www.novusbio.com/publications

