

Product Datasheet

TAF7 Antibody (2C5) - Azide and BSA Free H00006879-M01

Unit Size: 0.1 mg

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

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H00006879-M01

TAF7 Antibody (2C5) - Azide and BSA Free

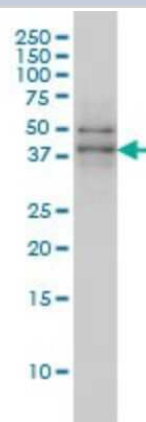
Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	2C5
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4

Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	6879
Gene Symbol	TAF7
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID:31914128).
Specificity/Sensitivity	TAF7 - TAF7 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 55kDa
Immunogen	TAF7 (AAH32737, 130 a.a. ~ 224 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. FIWNHGITLPLKNVRKRRFRKTAKKKYIESPDVEKEVKRLLSTDAAEAVSTRWEII AEDETKEAENQGLDISSPGMSGHRQGHDSLEHDELREIFN
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

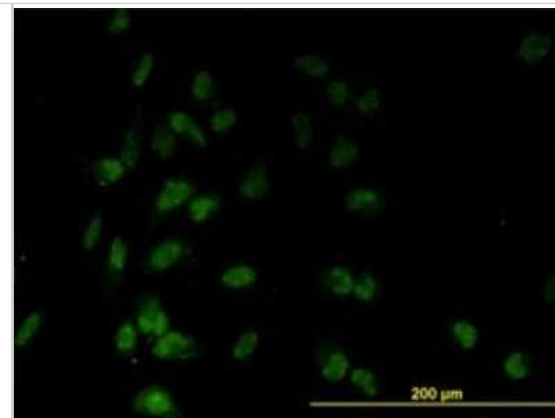
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated
Recommended Dilutions	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Knockdown Validated

Images

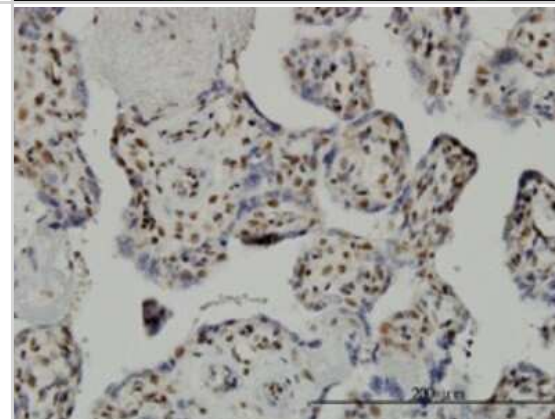
Western Blot: TAF7 Antibody (2C5) [H00006879-M01] - TAF7 monoclonal antibody (M01), clone 2C5 Analysis of TAF7 expression in MCF-7.



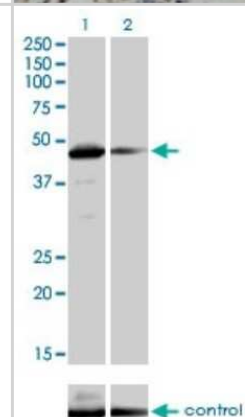
Immunocytochemistry/Immunofluorescence: TAF7 Antibody (2C5) [H00006879-M01] - Analysis of monoclonal antibody to TAF7 on HeLa cell. Antibody concentration 10 ug/ml.



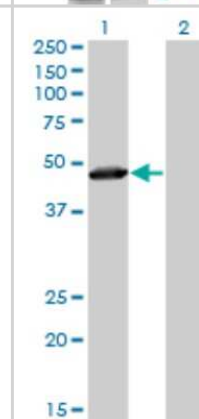
Immunohistochemistry-Paraffin: TAF7 Antibody (2C5) [H00006879-M01] - Analysis of monoclonal antibody to TAF7 on formalin-fixed paraffin-embedded human placenta. Antibody concentration 1 ug/ml.



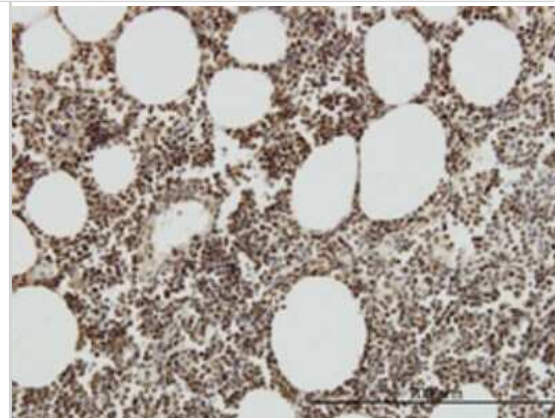
Western Blot: TAF7 Antibody (2C5) [H00006879-M01] - Analysis of TAF7 over-expressed 293 cell line, cotransfected with TAF7 Validated Chimera RNAi (Cat # H00006879-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with TAF7 monoclonal antibody (M01), clone 2C5 (Cat # H00006879-M01). GAPDH (36.1 kDa) used as specificity and loading control.



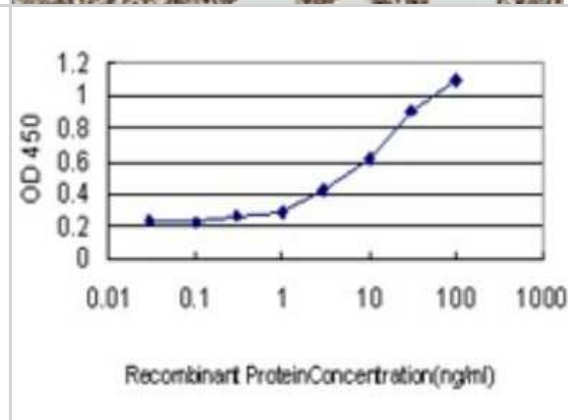
Western Blot: TAF7 Antibody (2C5) [H00006879-M01] - Analysis of TAF7 expression in transfected 293T cell line by TAF7 monoclonal antibody (M01), clone 2C5. Lane 1: TAF7 transfected lysate(40.3 KDa). Lane 2: Non-transfected lysate.



Immunohistochemistry-Paraffin: TAF7 Antibody (2C5) [H00006879-M01]
- Analysis of monoclonal antibody to TAF7 on formalin-fixed paraffin-embedded human lymph node. Antibody concentration 3 ug/ml.



ELISA: TAF7 Antibody (2C5) [H00006879-M01] - Detection limit for recombinant GST tagged TAF7 is approximately 0.3ng/ml as a capture antibody.



Publications

Dan C, Kevin S, Elizabeth M et al. The nuclear transcription factor, TAF7, is a cytoplasmic regulator of protein synthesis. *Sci Adv.* 2021-12-10 [PMID: 34890234]

Gura MA, Mikedis MM, Seymour KA et al. Dynamic and regulated TAF gene expression during mouse embryonic germ cell development *PLoS Genet.* 2020-01-08 [PMID: 31914128] (WB, Mouse)

D'Alessio JA, Ng R, Willenbring H, Tjian R. Core promoter recognition complex changes accompany liver development. *Proc Natl Acad Sci U S A.* 2011-02-22 [PMID: 21368148]

Zhou H, Grubisic I, Zheng K et al. Taf7l cooperates with Trf2 to regulate spermiogenesis. *Proc Natl Acad Sci U S A.* 2013-09-30 [PMID: 24082143]

Zhou H, Kaplan T, Li Y et al. Dual functions of TAF7L in adipocyte differentiation. *Elife.* 2013-01-01 [PMID: 23326641]

Herrera Francisco J, Yamaguchi Teppei, Roelink Henk, Tjian Robert. Core promoter factor TAF9B regulates neuronal gene expression. *Elife.* 2014-07-08 [PMID: 25006164]



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 H00006879-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
H00006879-P01-10ug	Recombinant Human TAF7 GST (N-Term) Protein

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.

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