

Product Datasheet

TRAP1 Antibody - BSA Free NBP2-47597-25ul

Unit Size: 25ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Publications: 2

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-47597

Updated 9/9/2025 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/NBP2-47597



NBP2-47597-25ul

TRAP1 Antibody - BSA Free

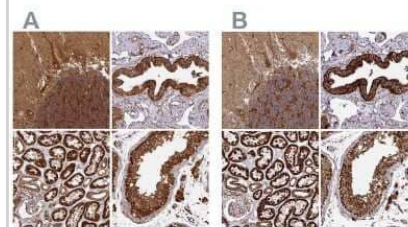
Product Information	
Unit Size	25ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Description	Novus Biologicals Rabbit TRAP1 Antibody - BSA Free (NBP2-47597) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-TRAP1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	10131
Gene Symbol	TRAP1
Species	Human
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: AMKKKDTEVLFQFEQFDELTLHLREFDKKKLISVETDIVVDHYKEEFEDRSPA AECLSEKETEELMAWMRNVLGSRVTNVKVTLRL

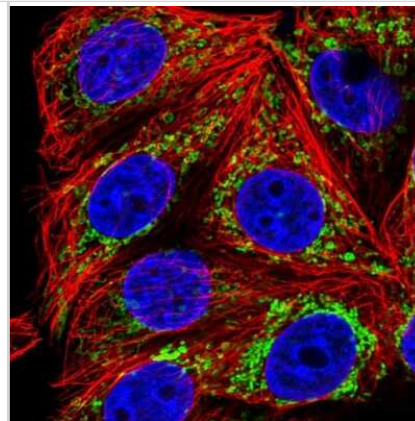
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

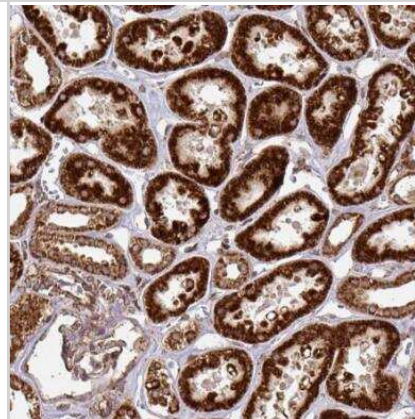
Immunohistochemistry-Paraffin: TRAP1 Antibody [NBP2-47597] - Staining of human cerebellum, fallopian tube, kidney and testis using Anti-TRAP1 antibody NBP2-47597 (A) shows similar protein distribution across tissues to independent antibody NBP2-47598 (B).



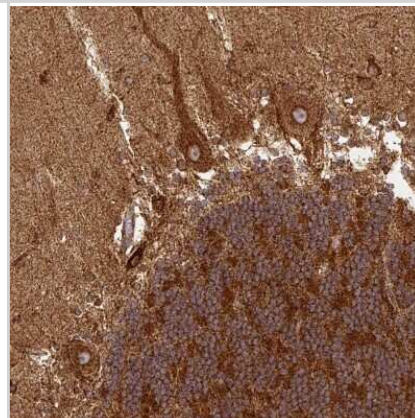
Immunocytochemistry/Immunofluorescence: TRAP1 Antibody [NBP2-47597] - Immunofluorescent staining of human cell line MCF7 shows localization to mitochondria.



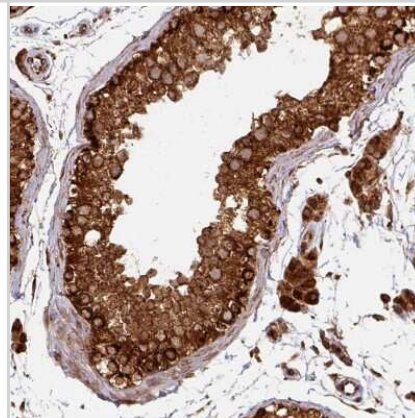
Immunohistochemistry-Paraffin: TRAP1 Antibody [NBP2-47597] - Staining of human kidney shows strong to very strong granular cytoplasmic positivity in cells in tubules.



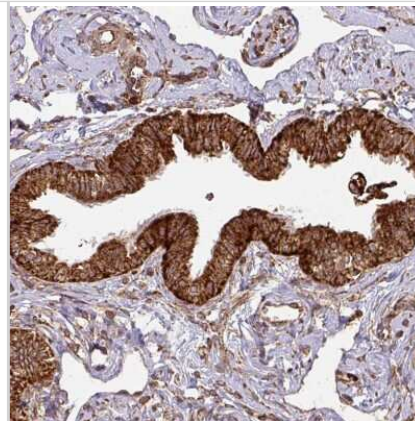
Immunohistochemistry-Paraffin: TRAP1 Antibody [NBP2-47597] - Staining of human cerebellum shows moderate to strong granular cytoplasmic positivity in Purkinje cells.



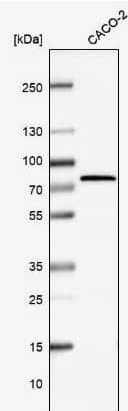
Immunohistochemistry-Paraffin: TRAP1 Antibody [NBP2-47597] - Staining of human testis shows moderate to strong granular cytoplasmic positivity in seminiferous ducts.



Immunohistochemistry-Paraffin: TRAP1 Antibody [NBP2-47597] - Staining of human fallopian tube shows strong to very strong granular cytoplasmic positivity in glandular cells.



Western Blot: TRAP1 Antibody [NBP2-47597] - Analysis in human cell line CACO-2.



Publications

Zhang L, Luo Y, Lv L et al. TRAP1 inhibits MARCH5-mediated MIC60 degradation to alleviate mitochondrial dysfunction and apoptosis of cardiomyocytes under diabetic conditions *Cell death and differentiation* 2023-09-07 [PMID: 37679468]

Zhang L, Su N, Luo Y et al. TRAP1 inhibits MIC60 ubiquitination to mitigate the injury of cardiomyocytes and protect mitochondria in extracellular acidosis *Cell death discovery* 2021-12-14 [PMID: 34907169] (ICC/IF, Rat)



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

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/NBP2-47597

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

