

Product Datasheet

TIMM44 Antibody - BSA Free

NBP1-86941

Unit Size: 0.1 ml

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

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Publications: 1

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NBP1-86941

TIMM44 Antibody - BSA Free

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	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

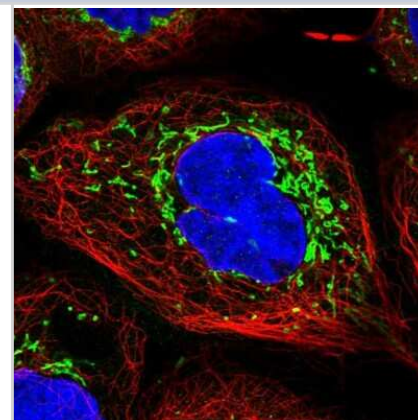
Description	Novus Biologicals Rabbit TIMM44 Antibody - BSA Free (NBP1-86941) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-TIMM44 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	10469
Gene Symbol	TIMM44
Species	Human, Mouse, Rat
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: EVLRRKKLGELTGTVKESLHEVSKSDLGRKIKEGVVEAAKTAKQSAESVSKGGE KLGRTAAFRALSQGVESVKKEIDDSVLGQTGPYRRPQRLRKRTTEFAGDKF

Product Application Details

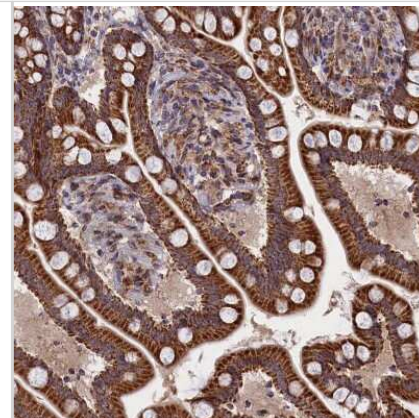
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Knockdown Validated
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500, Knockdown Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

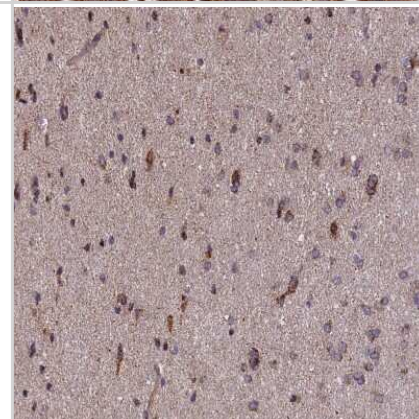
Immunocytochemistry/Immunofluorescence: TIMM44 Antibody [NBP1-86941] - Staining of human cell line A-431 shows localization to mitochondria. Antibody staining is shown in green.



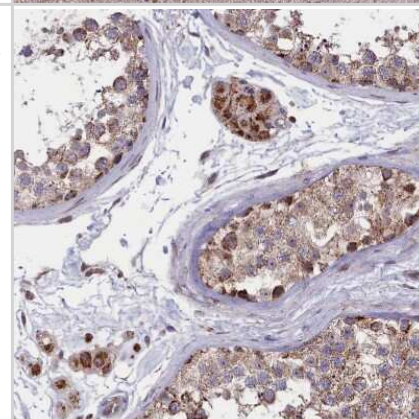
Immunohistochemistry-Paraffin: TIMM44 Antibody [NBP1-86941] - Staining of human gastrointestinal shows moderate to strong granular cytoplasmic positivity in glandular cells.



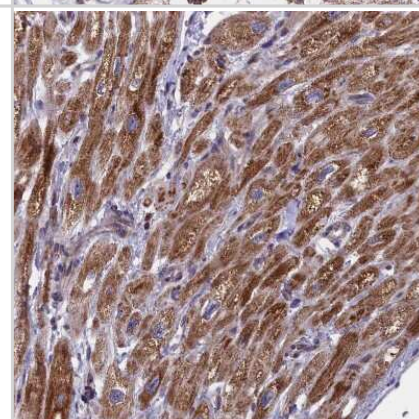
Immunohistochemistry-Paraffin: TIMM44 Antibody [NBP1-86941] - Staining of human cerebral cortex shows strong cytoplasmic positivity in neurons.



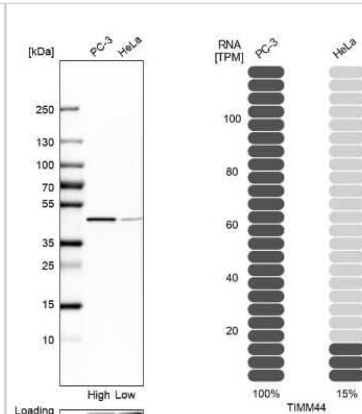
Immunohistochemistry-Paraffin: TIMM44 Antibody [NBP1-86941] - Staining of human testis shows moderate to strong cytoplasmic positivity in cells in seminiferous ducts.



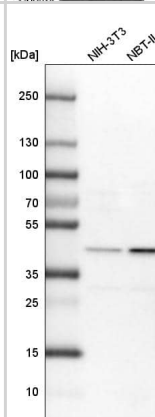
Immunohistochemistry-Paraffin: TIMM44 Antibody [NBP1-86941] - Staining of human heart muscle shows strong cytoplasmic positivity in cardiomyocytes.



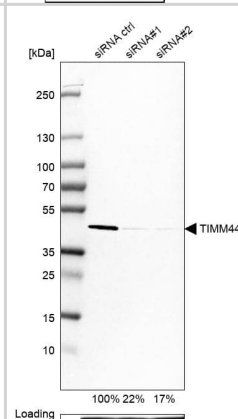
Western Blot: TIMM44 Antibody [NBP1-86941] - Analysis in human cell lines PC-3 and HeLa. Corresponding RNA-seq data are presented for the same cell lines. Loading control: Anti-HSP90B1.



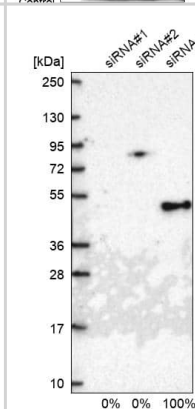
Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



Analysis in Caco-2 cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-TIMM44 antibody. Remaining relative intensity is presented. Loading control: Anti-PPIB.



Analysis in U2OS cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-TIMM44 antibody. Remaining relative intensity is presented



Publications

Desmurs M, Foti M, Raemy E et al. C11orf83, a Mitochondrial Cardiolipin-Binding Protein Involved in bc1 Complex Assembly and Supercomplex Stabilization. Mol Cell Biol 2015-04-01 [PMID: 25605331] (WB, Human)



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 NBP1-86941

NBP1-86941PEP	TIMM44 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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