

Product Datasheet

TROVE2 Antibody - BSA Free

NBP1-86998

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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NBP1-86998

TROVE2 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	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

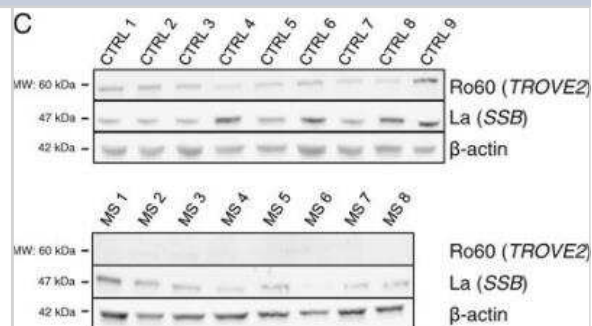
Product Description	
Description	Novus Biologicals Rabbit TROVE2 Antibody - BSA Free (NBP1-86998) is a polyclonal antibody validated for use in IHC, WB and IP. Anti-TROVE2 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	6738
Gene Symbol	RO60
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (87%), Rat (86%)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: FLLAVDVSASMNQRVLGSILNASTVAAAMCMVTRTEKDSYVVAFSDEMVP VTTDMTLQQVLMAMSIQIPAGGTDCSLPMIWAQKTNTPADVFIVFTDNETFAGG VHPAIALREYRKKMDIPAKLIVCGMTSNGF

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunoprecipitation, Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	Use in immunoprecipitation reported in scientific literature (PMID 25885816). TROVE2 antibody validated for WB from a verified customer review. For IHC-Paraffin, HIER pH 6 retrieval is recommended.

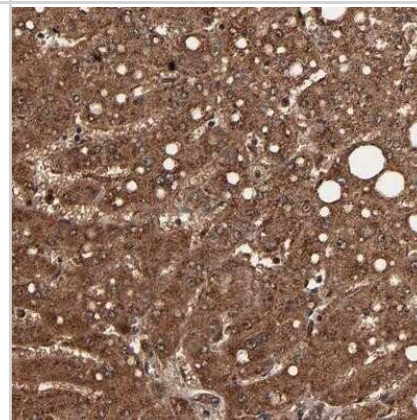


Images

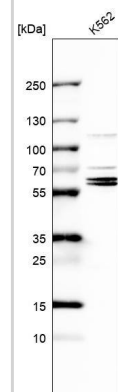
TROVE2-Antibody-Western-Blot-NBP1-86998-img0004.jpg



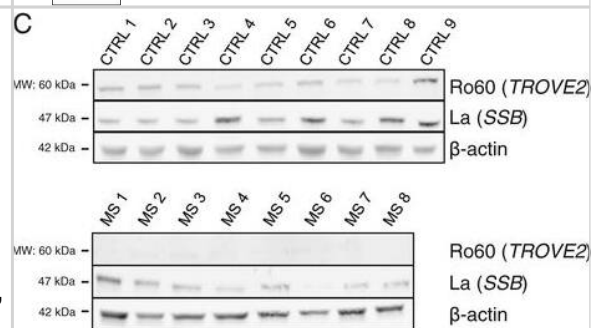
Immunohistochemistry-Paraffin: TROVE2 Antibody [NBP1-86998] - Staining of human liver shows strong cytoplasmic positivity in hepatocytes.



Analysis in human cell line K562.



Ro60 and La proteins are depressed in RRMS. (A) Ro60 (*TROVE2*) and La (*SSB*) transcript levels in CTRL (N = 24), CIS-MS (N = 16), RRMS (N = 22), RA (N = 18), SLE (N = 24), NMO (N = 22), and PD (N = 19) were determined by quantitative PCR after cDNA synthesis using oligo-dT. Results are normalized to CTRL = 1.0 after normalization to transcript levels of GAPDH, error bars are S.D. (B) As in (A) using whole genome RNA-sequencing data. (C) Western blotting to determine Ro60 and La protein levels in PBMC from CTRL (N = 9) and RRMS (N = 8). (D) Quantitative estimates of protein abundance relative to β -actin. *P < 0.05, **P < 0.01. Image collected and cropped by CiteAb from the following open publication (<https://pubmed.ncbi.nlm.nih.gov/25885816>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Publications

Spurlock CF 3rd, Tossberg JT, Guo Y et al. Defective structural RNA processing in relapsing-remitting multiple sclerosis. *Genome Biol* 2015-01-01 [PMID: 25885816] (IP)



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Products Related to NBP1-86998

NBP1-86998PEP	TROVE2 Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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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