

Product Datasheet

Sorbitol Dehydrogenase Antibody - BSA Free NBP1-87416

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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NBP1-87416**Sorbitol Dehydrogenase Antibody - BSA Free**

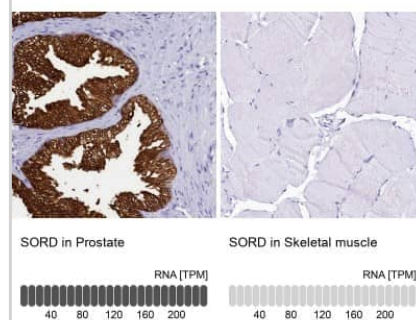
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Description	Novus Biologicals Rabbit Sorbitol Dehydrogenase Antibody - BSA Free (NBP1-87416) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-Sorbitol Dehydrogenase Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	6652
Gene Symbol	SORD
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (86%), Rat (85%). Human reactivity reported in scientific literature (PMID: 24567419).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: LLHAAIREVDIKGVFRYCNTPVAISMLASKSVNVKPLVTHRFPLEKALEAFETF KKGLGLKIMLKCDPSDQNP

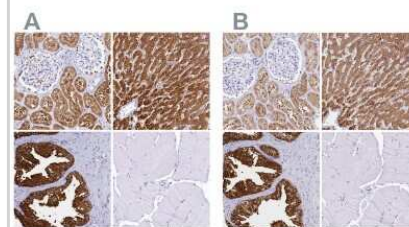
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	IHC, WB reported in scientific literature (PMID: 24567419). For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

Images

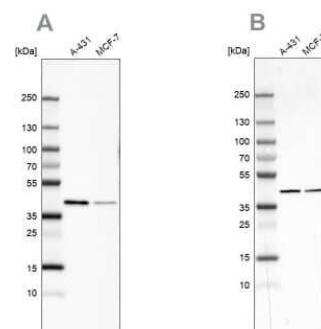
Immunohistochemistry-Paraffin: Sorbitol Dehydrogenase Antibody [NBP1-87416] - Analysis in human prostate and skeletal muscle tissues using NBP1-87416 antibody. Corresponding SORD RNA-seq data are presented for the same tissues.



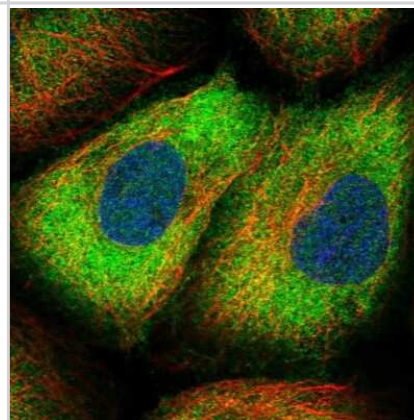
Immunohistochemistry-Paraffin: Sorbitol Dehydrogenase Antibody [NBP1-87416] - Staining of human kidney, liver, prostate and skeletal muscle using Anti-SORD antibody NBP1-87416 (A) shows similar protein distribution across tissues to independent antibody NBP1-87415 (B).



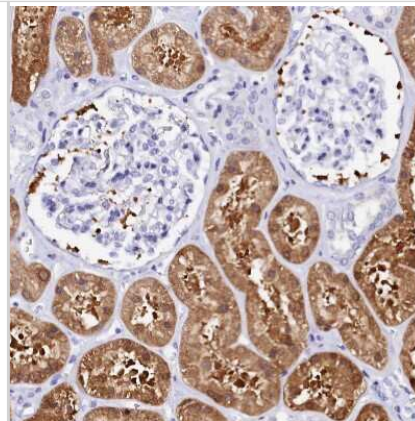
Western Blot: Sorbitol Dehydrogenase Antibody [NBP1-87416] - Analysis using Anti-SORD antibody NBP1-87416 (A) shows similar pattern to independent antibody NBP1-87415 (B).



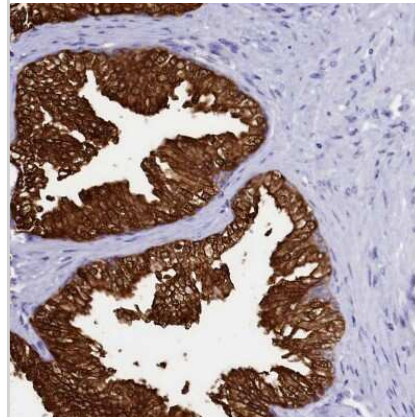
Immunocytochemistry/Immunofluorescence: Sorbitol Dehydrogenase Antibody [NBP1-87416] - Staining of human cell line A-431 shows localization to cytosol. Antibody staining is shown in green.



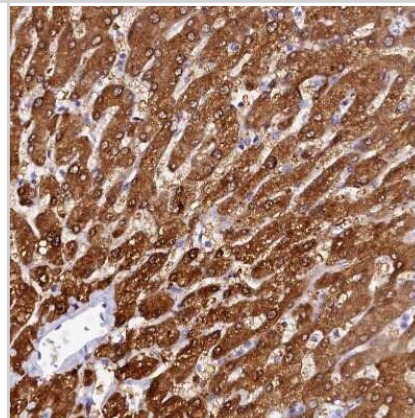
Immunohistochemistry-Paraffin: Sorbitol Dehydrogenase Antibody [NBP1-87416] - Staining of human kidney shows strong cytoplasmic positivity in cells in tubules.



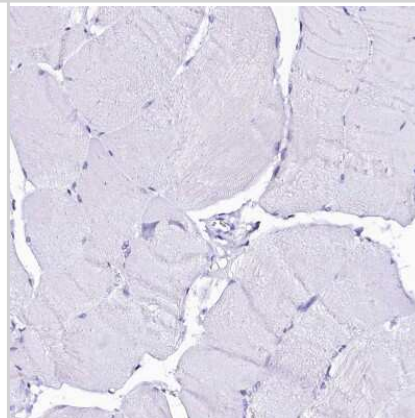
Immunohistochemistry-Paraffin: Sorbitol Dehydrogenase Antibody [NBP1-87416] - Staining of human prostate shows strong cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: Sorbitol Dehydrogenase Antibody [NBP1-87416] - Staining of human liver shows strong cytoplasmic positivity in hepatocytes.



Immunohistochemistry-Paraffin: Sorbitol Dehydrogenase Antibody [NBP1-87416] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



Publications

Uzozie A, Nanni P, Staiano T et al. Sorbitol Dehydrogenase Overexpression and Other Aspects of Dysregulated Protein Expression in Human Precancerous Colorectal Neoplasms: A Quantitative Proteomics Study. Mol Cell Proteomics 2014-05-01 [PMID: 24567419] (IF/IHC, WB, Human)



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Products Related to NBP1-87416

NBP1-87416PEP	Sorbitol Dehydrogenase 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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