

Product Datasheet

PMP70 Antibody - BSA Free NBP1-87258

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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NBP1-87258

PMP70 Antibody - BSA Free

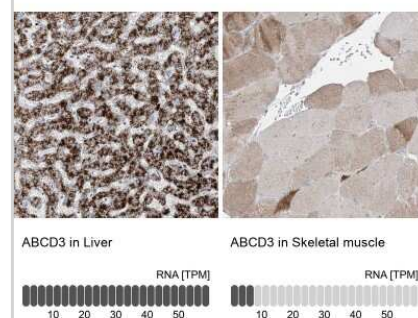
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	5825
Gene Symbol	ABCD3
Species	Human, Mouse, Porcine
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 28969390). Porcine reactivity reported in scientific literature (PMID: 29187542).
Marker	Proxisomal Membrane Marker
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: VEGYIYSHCRKVGITLFTVSHRKS LWKHHEYLLHMDGRGN YEFKQITEDTVEF GS

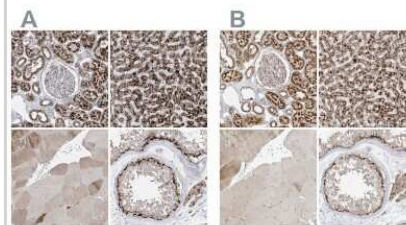
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 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

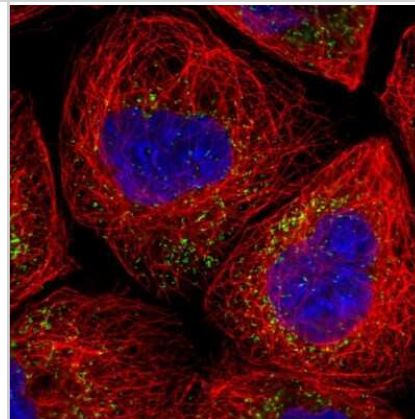
Immunohistochemistry-Paraffin: PMP70 Antibody [NBP1-87258] - Staining in human liver and skeletal muscle tissues using NBP1-87258 antibody. Corresponding ABCD3 RNA-seq data are presented for the same tissues.



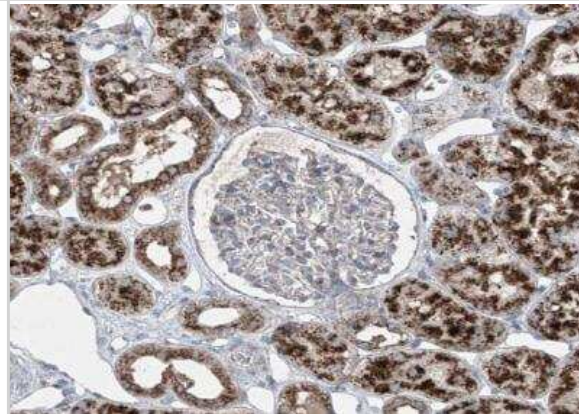
Immunohistochemistry-Paraffin: PMP70 Antibody [NBP1-87258] - Staining of human kidney, liver, skeletal muscle and testis using Anti-ABCD3 antibody NBP1-87258 (A) shows similar protein distribution across tissues to independent antibody NBP2-38199 (B).



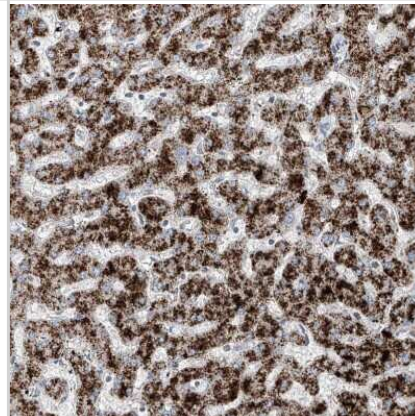
Immunocytochemistry/Immunofluorescence: PMP70 Antibody [NBP1-87258] - Staining of human cell line A-431 shows localization to peroxisomes. Antibody staining is shown in green.



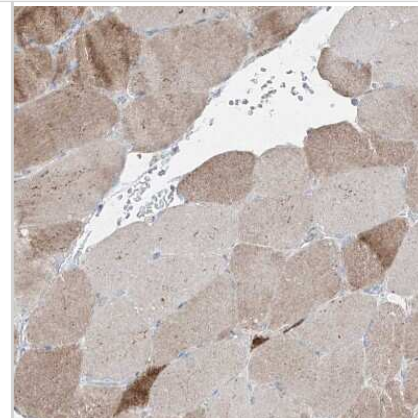
Immunohistochemistry-Paraffin: PMP70 Antibody [NBP1-87258] - Staining of human kidney shows strong granular cytoplasmic positivity in cells in tubules.



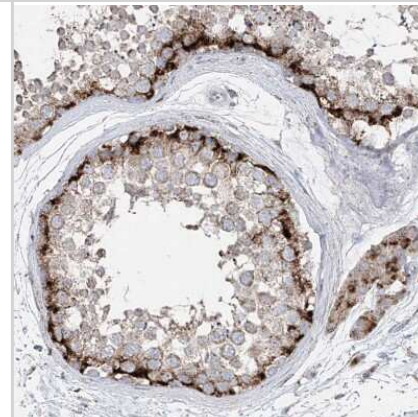
Immunohistochemistry-Paraffin: PMP70 Antibody [NBP1-87258] - Staining of human liver shows strong granular cytoplasmic positivity in hepatocytes.



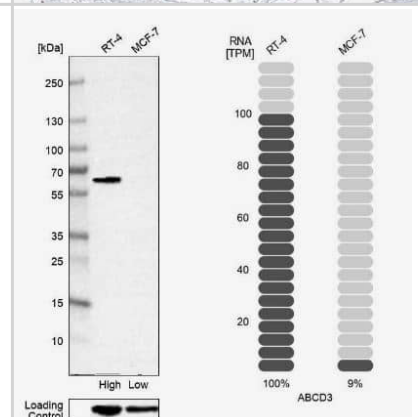
Immunohistochemistry-Paraffin: PMP70 Antibody [NBP1-87258] - Staining of human skeletal muscle shows weak cytoplasmic positivity in myocytes as expected.



Immunohistochemistry-Paraffin: PMP70 Antibody [NBP1-87258] - Staining of human testis shows strong granular cytoplasmic positivity in cells in seminiferous ducts.



Western Blot- PMP70 Antibody [NBP1-87258] - Analysis in human cell lines RT-4 and MCF-7 using Anti-ABCD3 antibody. Corresponding ABCD3 RNA-seq data are presented for the same cell lines. Loading control: Anti-GAPDH.



Publications

Liu S, Fang P, Ke W et al. Porcine deltacoronavirus (PDCoV) infection antagonizes interferon-gamma 1 production. *Vet Microbiol* 2020-08-02 [PMID: 32768229] (ICC/IF, WB, Porcine)

Burgoyne T, Lane A, Laughlin WE et al. Correlative light and immuno-electron microscopy of retinal tissue cryostat sections *PLoS ONE* 2018-01-09 [PMID: 29315318] (Mouse)

Zhang Q, Ke H, Blikslager A et al. Type III Interferon Restriction by Porcine Epidemic Diarrhea Virus and the Role of Viral Protein nsp1 in IRF1 Signaling. *J. Virol.* 2017-11-29 [PMID: 29187542] (ICC/IF, Porcine)

Gerber S, Charif M, Chevrollier A et al. Mutations in DNM1L, as in OPA1, result in dominant optic atrophy despite opposite effects on mitochondrial fusion and fission *Brain* 2017-10-01 [PMID: 28969390] (ICC/IF, Mouse)

Reams RR, Jones-Triche J, Chan OT et al. Immunohistological Analysis of ABCD3 Expression in Caucasian and African American Prostate Tumors. *Biomed Res Int* 2015-01-01 [PMID: 25802834] (IF/IHC, 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 NBP1-87258

NBP1-87258PEP	PMP70 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

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