

Product Datasheet

PMP70 Antibody (CL2524) - BSA Free NBP2-36770

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: 2

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NBP2-36770

PMP70 Antibody (CL2524) - BSA Free

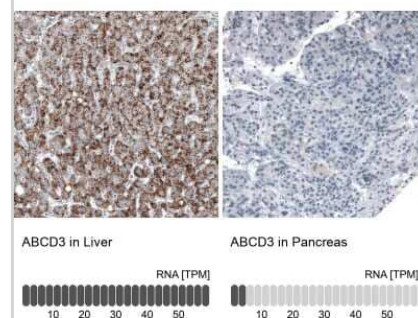
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL2524
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Mouse
Gene ID	5825
Gene Symbol	ABCD3
Species	Human
Immunogen	This antibody was developed using a recombinant protein derived from P28288, with the exact immunogen sequence remaining proprietary.

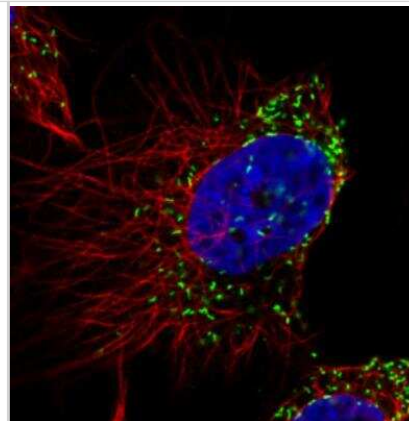
Product Application Details	
Applications	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

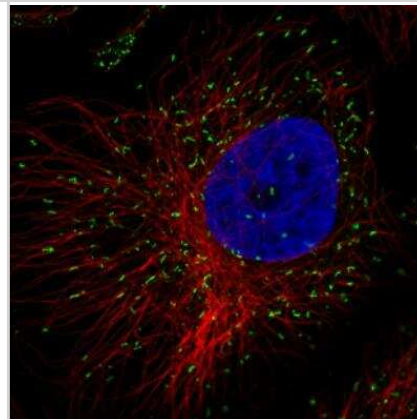
Immunohistochemistry-Paraffin: PMP70 Antibody (CL2524) [NBP2-36770] - Staining in human liver and pancreas tissues. Corresponding ABCD3 RNA-seq data are presented for the same tissues.



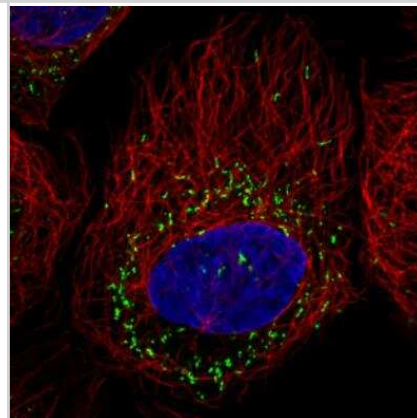
Immunocytochemistry/Immunofluorescence: PMP70 Antibody (CL2524) [NBP2-36770] - Staining in U251 cell line showing specific staining of peroxisomes in green. Microtubule-staining and nuclear probes are visualized in red and blue respectively (where available). Antibody staining is shown in green.



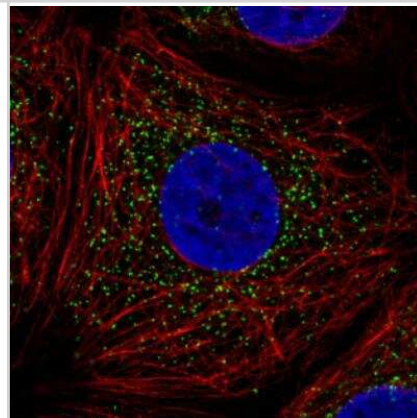
Immunocytochemistry/Immunofluorescence: PMP70 Antibody (CL2524) [NBP2-36770] - Staining in HeLa cell line showing specific staining of peroxisomes in green. Microtubule-staining and nuclear probes are visualized in red and blue respectively (where available). Antibody staining is shown in green.



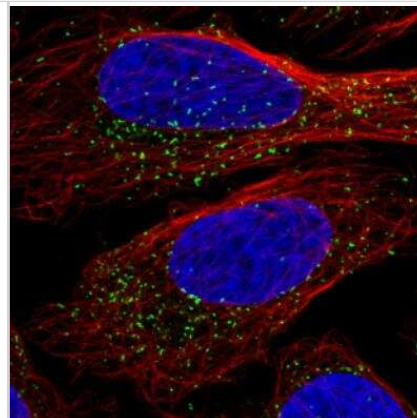
Immunocytochemistry/Immunofluorescence: PMP70 Antibody (CL2524) [NBP2-36770] - Staining of human cell line A431 showing specific staining of peroxisomes in green. Microtubule-staining and nuclear probes are visualized in red and blue respectively (where available). Antibody staining is shown in green.



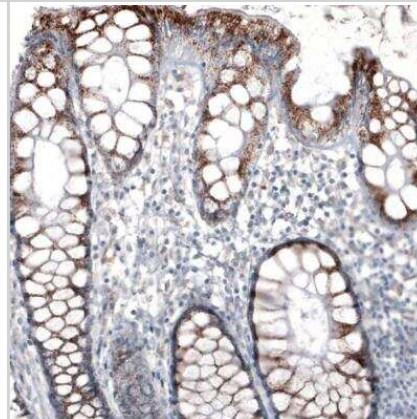
Immunocytochemistry/Immunofluorescence: PMP70 Antibody (CL2524) [NBP2-36770] - Staining in MCF7 cell line showing specific staining of peroxisomes in green. Microtubule-staining and nuclear probes are visualized in red and blue respectively (where available). Antibody staining is shown in green.



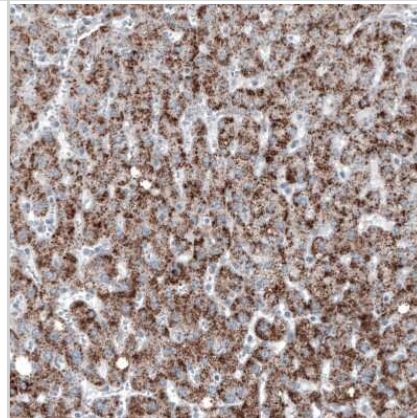
Immunocytochemistry/Immunofluorescence: PMP70 Antibody (CL2524) [NBP2-36770] - Staining in U2OS cell line showing specific staining of peroxisomes in green. Microtubule-staining and nuclear probes are visualized in red and blue respectively (where available). Antibody staining is shown in green.



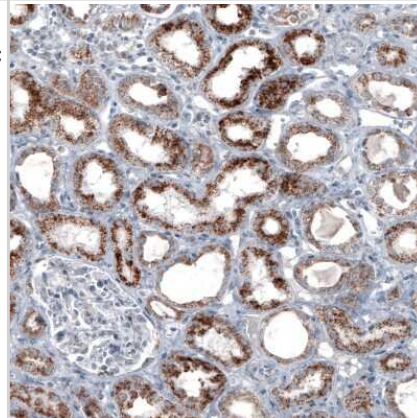
Immunohistochemistry-Paraffin: PMP70 Antibody (CL2524) [NBP2-36770] - Staining of human rectum shows moderate granular cytoplasmic positivity in glandular cells.



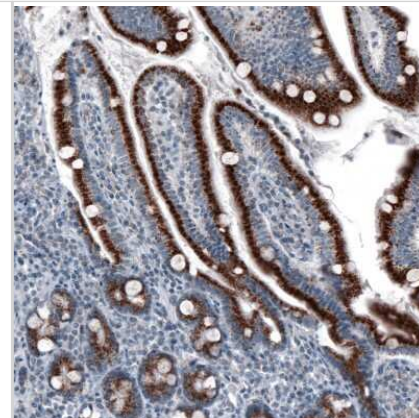
Immunohistochemistry-Paraffin: PMP70 Antibody (CL2524) [NBP2-36770] - Staining of human liver shows moderate granular cytoplasmic positivity in hepatocytes.



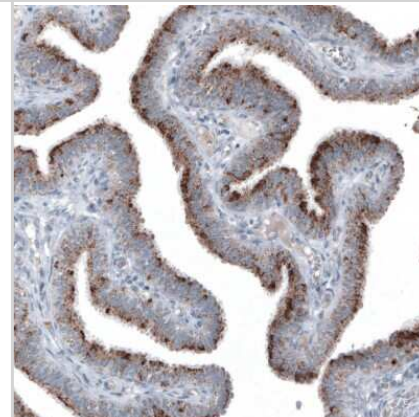
Immunohistochemistry-Paraffin: PMP70 Antibody (CL2524) [NBP2-36770] - Staining of human kidney shows moderate granular cytoplasmic positivity in cells in tubules.



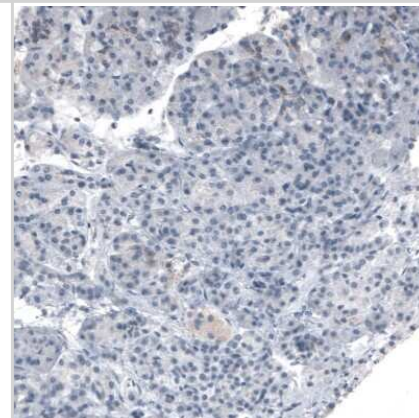
Immunohistochemistry-Paraffin: PMP70 Antibody (CL2524) [NBP2-36770] - Staining of human small intestine shows strong granular cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: PMP70 Antibody (CL2524) [NBP2-36770] - Staining of human fallopian tube shows moderate granular cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: PMP70 Antibody (CL2524) [NBP2-36770] - Staining of human pancreas shows weak granular cytoplasmic positivity in exocrine glandular cells.



Publications

Demers ND, Riccio V, Jo DS et al. PEX13 prevents pexophagy by regulating ubiquitinated PEX5 and peroxisomal ROS Autophagy 2023-06-01 [PMID: 36541703]

Schrul B, Kopito RR. Peroxin-dependent targeting of a lipid-droplet-destined membrane protein to ER subdomains. Nat. Cell Biol. 2016-07-01 [PMID: 27295553]



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Products Related to NBP2-36770

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
H00005825-Q01-10ug	Recombinant Human PMP70 GST (N-Term) Protein

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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