

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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Updated 9/9/2025 v.20.1

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NBP2-36770

PMP70 Antibody (CL2524) - BSA Free

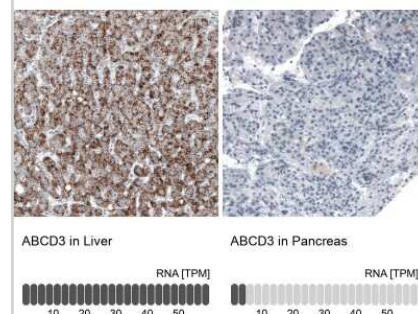
| Product Information | |
|---------------------|--|
| Unit Size | 0.1 ml |
| Concentration | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| 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 | |
|---------------------|---|
| Description | Novus Biologicals Mouse PMP70 Antibody (CL2524) - BSA Free (NBP2-36770) is a monoclonal antibody validated for use in IHC and ICC/IF. Anti-PMP70 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| 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. |

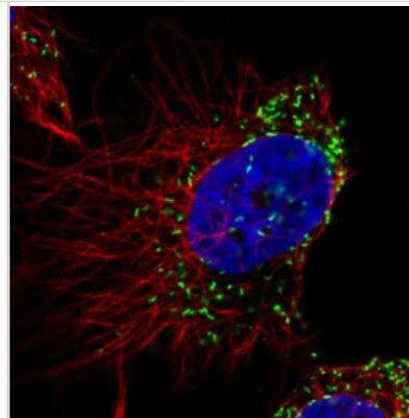
| Product Application Details | |
|-----------------------------|---|
| Applications | Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry |
| Recommended Dilutions | Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 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

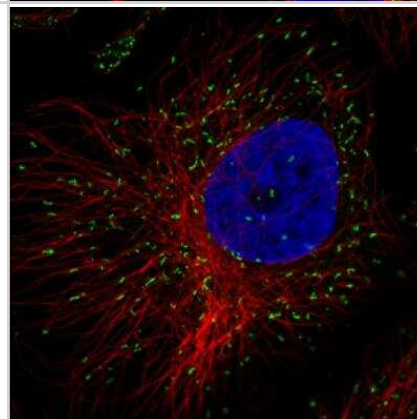
Immunohistochemistry-Paraffin: PMP70 Antibody (CL2524) [NBP2-36770] - Staining in human liver and pancreas tissues. Corresponding ABCD3 RNA-seq data are presented for the same tissues.



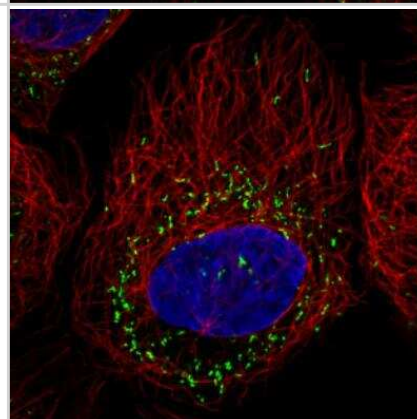
Immunocytochemistry/Immunofluorescence: PMP70 Antibody (CL2524) [NBP2-36770] - Staining in U251 cell line showing specific staining of peroxisomes in green. Microtubule-staining and nuclear probes are visualized in red and blue respectively (where available). Antibody staining is shown in green.



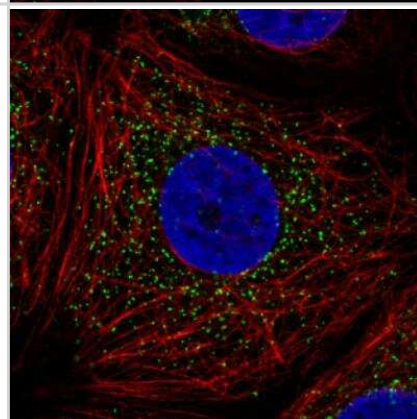
Immunocytochemistry/Immunofluorescence: PMP70 Antibody (CL2524) [NBP2-36770] - Staining in HeLa cell line showing specific staining of peroxisomes in green. Microtubule-staining and nuclear probes are visualized in red and blue respectively (where available). Antibody staining is shown in green.



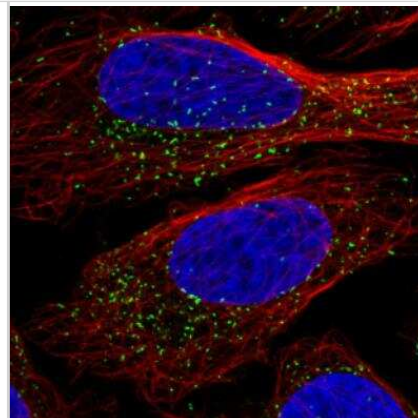
Immunocytochemistry/Immunofluorescence: PMP70 Antibody (CL2524) [NBP2-36770] - Staining of human cell line A431 showing specific staining of peroxisomes in green. Microtubule-staining and nuclear probes are visualized in red and blue respectively (where available). Antibody staining is shown in green.



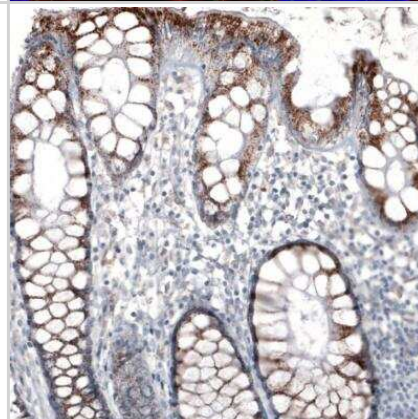
Immunocytochemistry/Immunofluorescence: PMP70 Antibody (CL2524) [NBP2-36770] - Staining in MCF7 cell line showing specific staining of peroxisomes in green. Microtubule-staining and nuclear probes are visualized in red and blue respectively (where available). Antibody staining is shown in green.



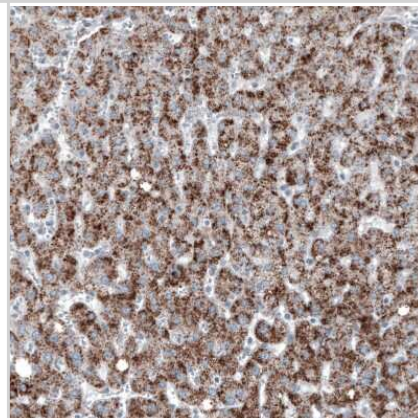
Immunocytochemistry/Immunofluorescence: PMP70 Antibody (CL2524) [NBP2-36770] - Staining in U2OS cell line showing specific staining of peroxisomes in green. Microtubule-staining and nuclear probes are visualized in red and blue respectively (where available). Antibody staining is shown in green.



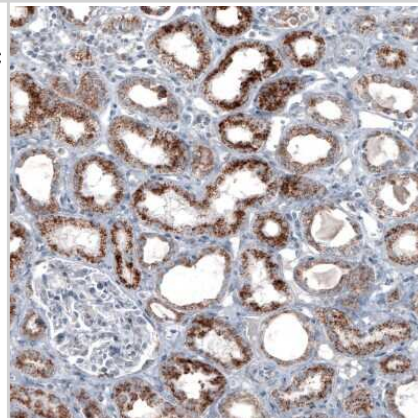
Immunohistochemistry-Paraffin: PMP70 Antibody (CL2524) [NBP2-36770] - Staining of human rectum shows moderate granular cytoplasmic positivity in glandular cells.



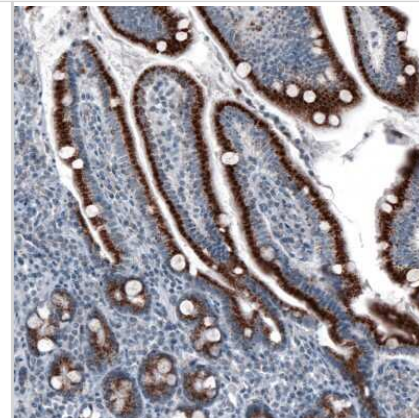
Immunohistochemistry-Paraffin: PMP70 Antibody (CL2524) [NBP2-36770] - Staining of human liver shows moderate granular cytoplasmic positivity in hepatocytes.



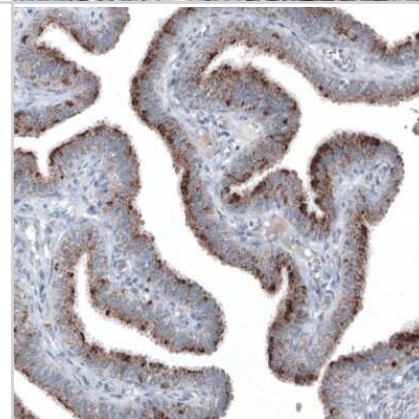
Immunohistochemistry-Paraffin: PMP70 Antibody (CL2524) [NBP2-36770] - Staining of human kidney shows moderate granular cytoplasmic positivity in cells in tubules.



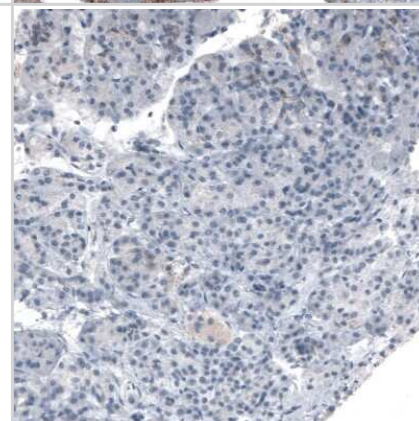
Immunohistochemistry-Paraffin: PMP70 Antibody (CL2524) [NBP2-36770] - Staining of human small intestine shows strong granular cytoplasmic positivity in glandular cells.



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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