

Product Datasheet

PMP70 Antibody NBP1-20871

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NBP1-20871**PMP70 Antibody**

| Product Information | |
|----------------------------|--|
| Unit Size | 0.1 mg |
| Concentration | 0.5 mg/ml |
| Storage | Store at -20C. Avoid freeze-thaw cycles. |
| Clonality | Polyclonal |
| Preservative | 0.02% Sodium Azide |
| Isotype | IgG |
| Purity | Immunogen affinity purified |
| Buffer | Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA |

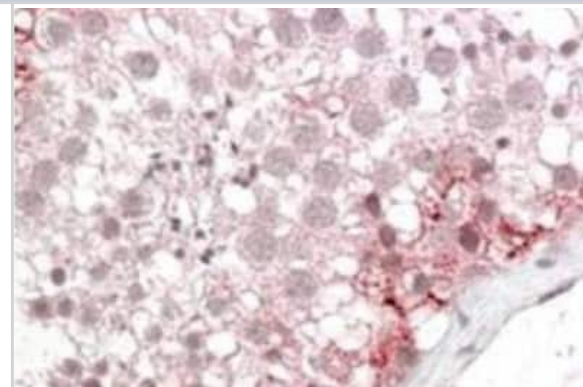
| Product Description | |
|--------------------------------|---|
| Host | Goat |
| Gene ID | 5825 |
| Gene Symbol | ABCD3 |
| Species | Human, Rat |
| Reactivity Notes | Rat reactivity reported in scientific literature (PMID: 21248309). |
| Marker | Proxisomal Membrane Marker |
| Specificity/Sensitivity | This antibody is expected to recognize one isoform (NP_002849.1) only. |
| Immunogen | Peptide with sequence C-PDGREDQKRKGISD corresponding to internal region according to NP_002849.1. |

| Product Application Details | |
|------------------------------------|---|
| Applications | Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA |
| Recommended Dilutions | Flow Cytometry 10 ug/mL, Immunohistochemistry 2.5 - 3.8 ug/mL, Immunohistochemistry-Paraffin 2.5 - 3.8 ug/mL, Peptide ELISA Detection limit 1:16000 |
| Application Notes | IHC-P: Human testis shows vesicular staining in Sertoli cells. |

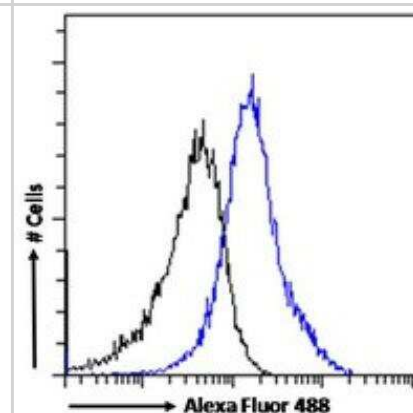


Images

Immunohistochemistry-Paraffin: PMP70 Antibody [NBP1-20871] - Staining of Human Testis with antibody at 3.8 ug/mL. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Flow Cytometry: PMP70 Antibody [NBP1-20871] - Flow cytometric analysis of paraformaldehyde fixed A431 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



Publications

Liu LX, Janvier K, Berteaux-Lecellier V et al. Homo- and heterodimerization of peroxisomal ATP-binding cassette half-transporters. J Biol Chem 1999-11-12 [PMID: 10551832]

Panov AV, Kubalik N, Zinchenko N et al. Metabolic and functional differences between brain and spinal cord mitochondria underlie different predisposition to pathology Am J Physiol Regul Integr Comp Physiol 2011-04-01 [PMID: 21248309] (WB, Rat)



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Products Related to NBP1-20871

| | |
|--------------------|--|
| HAF017 | Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)] |
| HAF109 | Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)] |
| NB410-28088-1mg | Goat IgG Isotype Control |
| 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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