

Product Datasheet

Perilipin-4 Antibody NBP1-06072

Unit Size: 0.1 mg

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

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NBP1-06072

Perilipin-4 Antibody

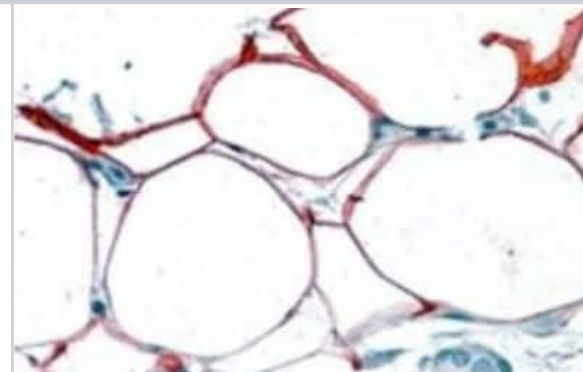
| Product Information | |
|---------------------|--|
| Unit Size | 0.1 mg |
| Concentration | 0.5 mg/ml |
| Storage | Store at -20C. Avoid freeze-thaw cycles. |
| Clonality | Polyclonal |
| Preservative | 0.02% Sodium Azide |
| Isotype | IgG |
| Purity | Immunogen affinity purified |
| Buffer | Tris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

| Product Description | |
|---------------------|--|
| Host | Goat |
| Gene ID | 729359 |
| Gene Symbol | PLIN4 |
| Species | Human |
| Immunogen | Peptide with sequence C-RTTDNGGEQTALSPQE corresponding to internal region according to NP_001073869.1. |

| Product Application Details | |
|-----------------------------|--|
| Applications | Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA |
| Recommended Dilutions | Immunohistochemistry 3 - 6 ug/ml, Immunohistochemistry-Paraffin 3 - 6 ug/ml, Peptide ELISA Detection limit 1:2000 |
| Application Notes | WB: Preliminary experiments gave bands at approx. 45 kDa band and 50 kDa band in human adipose lysates after 0.1 ug/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe given the calculated size of 134 kDa band according to NP_001073869.1. Both detected bands were successfully blocked by incubation with the immunizing peptide (and BLAST results with the immunizing peptide sequence did not identify any other proteins to explain the additional bands). IHC-P: Human pancreas shows membranous and cytoplasm staining in adipocytes. |

Images

Immunohistochemistry-Paraffin: Perilipin-4 Antibody [NBP1-06072] - (3.8ug/ml) staining of paraffin embedded Human Pancreas. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Publications

Wolins NE, Brasaemle DL, Bickel PE. A proposed model of fat packaging by exchangeable lipid droplet proteins. FEBS Lett 2006-10-09 [PMID: 16962104]





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Products Related to NBP1-06072

| | |
|-----------------|--|
| 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 |
| NBP2-13776PEP | Perilipin-4 Recombinant Protein Antigen |

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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