

Product Datasheet

Protein Disulfide Isomerase/P4HB Antibody NBP1-97470-0.05mg

Unit Size: 0.05 mg

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

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NBP1-97470-0.05mg

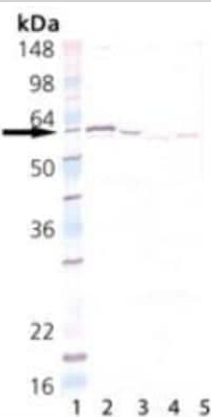
Protein Disulfide Isomerase/P4HB Antibody

Product Information	
Unit Size	0.05 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS and 50% Glycerol
Target Molecular Weight	58 kDa
Product Description	
Host	Rabbit
Gene ID	5034
Gene Symbol	P4HB
Species	Human, Mouse, Rat, Porcine, Bovine, Canine, Guinea Pig, Hamster, Primate, Sheep, Xenopus
Marker	Endoplasmic Reticulum Marker
Immunogen	Purified bovine liver Protein Disulfide Isomerase/P4HB.
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500

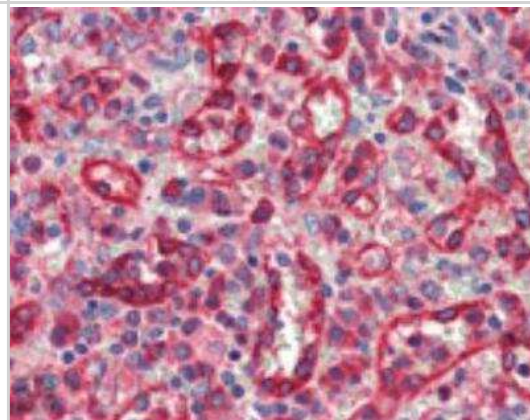


Images

Western Blot: Protein Disulfide Isomerase/P4HB Antibody [NBP1-97470]
- Analysis of PDI: Lane 1: MWM, Lane 2: Protein Disulfide Isomerase/P4HB (human), (recombinant) (His-tag) (Prod. No.ADI-SPP-891), Lane 3: HeLa, (cell lysate), Lane 4: Rat Testis Tissue Lysate, Lane 5: Mouse Spleen Tissue Lysate.



Immunohistochemistry-Paraffin: Protein Disulfide Isomerase/P4HB Antibody [NBP1-97470] - Analysis of human spleen tissue stained with Protein Disulfide Isomerase/P4HB, pAb at 10ug/ml.



Publications

S Lindquist et al. Impaired ERAD and ER stress are early and specific events in polyglutamine toxicity. *Genes Dev.* 22, 3308 . 2008-01-01 [PMID: 19015277] (WB, Human)

K Brix et al. Trafficking of lysosomal cathepsin B-green fluorescent protein to the surface of thyroid epithelial cells involves the endosomal/lysosomal compartment. *J. Cell. Sci.* 115, 4877 . 2002-01-01 [PMID: 12432075] (ICC/IF, Rat)

DE Vance et al. Membrane topography of human phosphatidylethanolamine N-methyltransferase. *J. Biol. Chem.* 278, 2956 . 2003-01-01 [PMID: 12431977] (WB, Mouse)

Venkataraman K, Riebeling C, Bodennec J et al. Upstream of growth and differentiation factor 1 (uog1), a mammalian homolog of the yeast longevity assurance gene 1 (LAG1), regulates N-stearoyl-sphinganine (C18-(dihydro)ceramide) synthesis in a fumonisins B1-independent manner in mammalian cells. *J Biol Chem* 2002-09-20 [PMID: 12105227] (ICC/IF, Primate)

J Dean et al. Conserved furin cleavage site not essential for secretion and integration of ZP3 into the extracellular egg coat of transgenic mice. *Mol. Cell. Biol.* 22, 3111 . 2002-01-01 [PMID: 11940668] (ICC/IF, Mouse)

G Warren et al. Partitioning of the matrix fraction of the Golgi apparatus during mitosis in animal cells. *Science* 295, 848 . 2002-01-01 [PMID: 11823640] (WB, Rat)

MH Doolittle et al. Maturation of lipoprotein lipase in the endoplasmic reticulum: concurrent formation of functional dimers and inactive aggregates. *J. Biol. Chem.* 277, 10727 . 2002-01-01 [PMID: 11796709] (IP, Human)

I Merida et al. Type I alpha phosphatidylinositol 4-phosphate 5-kinase is a putative target for increased intracellular phosphatidic acid. *FEBS Lett.* 476, 160 . 2000-01-01 [PMID: 10913605] (ICC/IF, Porcine)

P Klappa et al. Specificity in substrate binding by protein folding catalysts: tyrosine and tryptophan residues are the recognition motifs for the binding of peptides to the pancreas-specific protein disulfide isomerase PDIp. *Protein Sci.* 9, 758 . 2000-01-01 [PMID: 10794419] (WB, Sheep)

R Miquelis et al. Protein-disulfide isomerase (PDI) in FRTL5 cells - pH-dependent thyroglobulin/PDI interactions determine a novel PDI function in the post-endoplasmic reticulum of thyrocytes. *J. Biol. Chem.* 275, 1920 . 2000-01-01 [PMID: 10636893] (IP, Rat)





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