

# Product Datasheet

## Protein Disulfide Isomerase/P4HB Antibody NBP1-40137

Unit Size: 0.05 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP1-40137****Protein Disulfide Isomerase/P4HB Antibody**

<b>Product Information</b>	
<b>Unit Size</b>	0.05 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	50% glycerol
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	10mM Sodium HEPES (pH 7.5), 0.15M NaCl, 0.1 mg/ml BSA
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	5034
<b>Gene Symbol</b>	P4HB
<b>Species</b>	Human, Mouse, Rat, Monkey
<b>Marker</b>	Fibroblast Marker
<b>Specificity/Sensitivity</b>	Recognizes endogenous levels of total human Protein Disulfide Isomerase/P4HB protein. Species cross-reactivity: monkey, mouse and rat.
<b>Immunogen</b>	Synthetic peptide derived from the sequence around Pro329 of human Protein Disulfide Isomerase/P4HB (KLH).
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunocytochemistry, Immunofluorescence
<b>Recommended Dilutions</b>	Western Blot 1:1000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 1:50, Immunofluorescence 1:50, Immunocytochemistry 1:50
<b>Application Notes</b>	IHC: NBP1-40137 was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. Immunofluorescence (IF-IC): Requires methanol permeabilization.



## Images

Immunohistochemistry-Paraffin: Protein Disulfide Isomerase/P4HB Antibody [NBP1-40137] - Staining of human small intestine. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 1:50.





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### **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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