

P4HB Rabbit mAb

Catalog No: #60036

Package Size: #60036-1 50ul #60036-2 100ul

Description

Product Name	P4HB Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF
Species Reactivity	Human Mouse Rat
Specificity	P4HB Antibody detects endogenous levels of total P4HB
Immunogen Description	A synthesized peptide derived from human P4HB
Other Names	P4HB; DSI; ERBA2L; GIT; P4Hbeta; PDI; PDIA1; PHDB; PO4DB; PO4HB; PROHB;
Accession No.	Uniprot:P07237
Calculated MW	Predicted band size: 57 kDa
SDS-PAGE MW	Observed band size: 57 kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

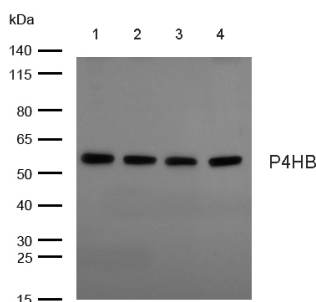
Application Details

WB: 1:500-1:2000

IHC: 1:50-1:200

ICC/IF: 1:50-1:200

Images



All lanes: P4HB Rabbit mAb at 1/1k dilution

Lane 1 : HepG2 whole cell lysates
Lane 2 : 293 whole cell lysates
Lane 3 : Mouse spleen lysates
Lane 4 : Rat liver lysates

Lysates/proteins at 20 µg per lane.

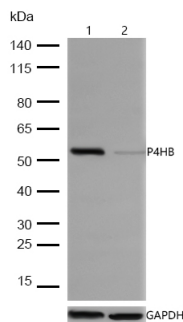
Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution

Predicted band size: 57 kDa

Observed band size: 57 kDa

Exposure time: 7 seconds

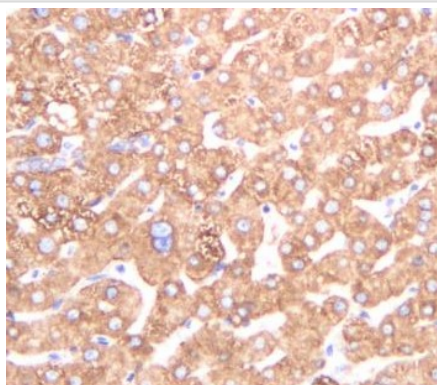


All lanes: P4HB Rabbit mAb at 1/1k dilution

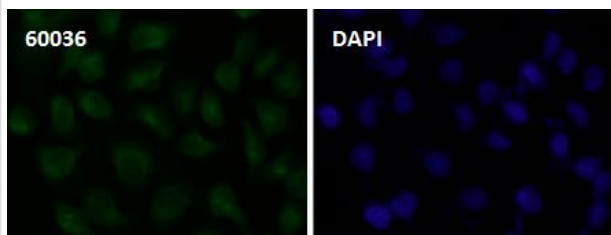
Lane 1 : Wild-type HAP1 cell lysate

Lane 2 : P4HB Rabbit mAb knockdown HAP1 cell lysate

Lysates/proteins at 20 µg per lane.



Formalin-fixed, paraffin-embedded human liver tissue stained for P4HB using 60036 at 1/100 dilution in immunohistochemical analysis.



Immunocytochemistry/ Immunofluorescence P4HB antibody (60036) ICC/IF staining of P4HB in HeLa cells. Cells were fixed with 4% Paraformaldehyde permeabilized with 0.1% Triton X-100.

Samples were incubated with 60036 at a working dilution of 1/100. The secondary antibody was Alexa FluorB 488 goat anti rabbit, used at a dilution of 1/500.

Nuclei were counterstained with DAPI.

Background

This multifunctional protein catalyzes the formation, breakage and rearrangement of disulfide bonds. At the cell surface, seems to act as a reductase that cleaves disulfide bonds of proteins attached to the cell.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.