

bs-1476R

[Primary Antibody]

P4HB Rabbit pAb

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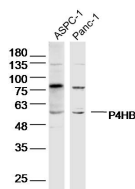
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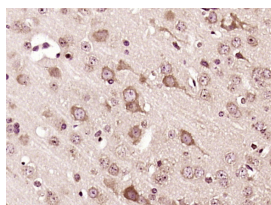
— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Human, Mouse (predicted: Rat, Rabbit, Cow, Chicken, Horse) Predicted MW.: 55 kDa Subcellular Location: Secreted ,Extracellular matrix ,Cell membrane ,Cytoplasm
Clonality: Polyclonal		
GeneID: 5034	SWISS: P07237	
Target: P4HB		
Immunogen: KLH conjugated synthetic peptide derived from human PDI: 21-150/508.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: P4HB, Prolyl 4 hydroxylase subunit beta, is a multifunctional and highly abundant enzyme that belongs to the protein disulfide isomerase family. When present as a tetramer consisting of two alpha and two beta subunits, this enzyme is involved in hydroxylation of prolyl residues in procollagen. This enzyme is also a disulfide isomerase containing two thioredoxin domains that catalyze the formation, breakage and rearrangement of disulfide bonds.		

— VALIDATION IMAGES —



Sample: ASPC-1 Cell (Human) Lysate at 40 ug
PANC-1 Cell (Human) Lysate at 40 ug Primary:
Anti- P4HB (bs-1476R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at
1/20000 dilution Predicted band size: 55 kD
Observed band size: 55 kD



Paraformaldehyde-fixed, paraffin embedded
(Mouse brain); Antigen retrieval by boiling in
sodium citrate buffer (pH6.0) for 15min; Block
endogenous peroxidase by 3% hydrogen
peroxide for 20 minutes; Blocking buffer (normal
goat serum) at 37°C for 30min; Antibody
incubation with (P4HB) Polyclonal Antibody,
Unconjugated (bs-1476R) at 1:400 overnight at
4°C, followed by a conjugated secondary
antibody (sp-0023) for 20 minutes and DAB
staining.