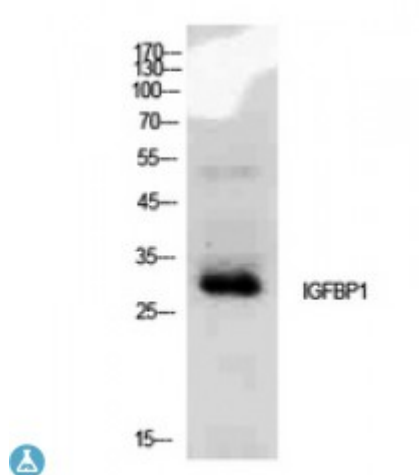


Anti-IGFBP1 antibody



Description	Rabbit polyclonal to IGFBP1.
Model	STJ97262
Host	Rabbit
Reactivity	Human
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human IGFBP1.
Immunogen Region	Internal
Gene ID	3484
Gene Symbol	IGFBP1
Dilution range	WB 1:500-1:2000IHC-P 1:100-1:300ELISA 1:10000
Specificity	IGFBP1 Polyclonal Antibody detects endogenous levels of IGFBP1 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Insulin-like growth factor-binding protein 1 IBP-1 IGF-binding protein 1 IGFBP-1 Placental protein 12 PP12
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG

Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:5469OMIM:146730
Alternative Names	Insulin-like growth factor-binding protein 1 IBP-1 IGF-binding protein 1 IGFBP-1 Placental protein 12 PP12
Function	IGF-binding proteins prolong the half-life of the IGFs and have been shown to either inhibit or stimulate the growth promoting effects of the IGFs on cell culture. They alter the interaction of IGFs with their cell surface receptors. Promotes cell migration.
Cellular Localization	Secreted.
Post-translational Modifications	Phosphorylated; probably by casein kinase II. Phosphorylation alters the affinity of the protein for IGFs. In amniotic fluid, the unmodified protein is the most abundant form, while mono-, bi-, tri- and tetraphosphorylated forms are present in decreasing amounts. The phosphorylation state may influence the propensity to proteolysis.

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