

Rabbit IGFBP1 Polyclonal Antibody | anti-IGFBP1 antibody

IGFBP1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA326865	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

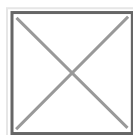
PRODUCT SYNONYMS

IGFBP1; Polyclonal Antibody; IGFBP1 Antibody; AFBP; Alpha pregnancy associated endometrial globulin; Amniotic fluid binding protein; Binding protein 25; Binding protein 26; Binding protein 28; Growth hormone independent binding protein; hIGFBP 1; hIGFBP1; IBP 1; IBP-1; IBP1; IBP1_HUMAN; IGF binding protein 1; IGF BP25; IGF-binding protein 1; IGFBP 1; IGFBP-1; Insulin like growth factor binding protein 1; Insulin-like growth factor-binding protein 1; Placental protein 12; PP 12; PP12; anti-IGFBP1 antibody

PRODUCT SPECIFICATIONS

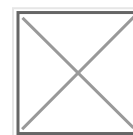
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	IGFBP1 antibody detects endogenous levels of total IGFBP1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	259
Applicable Applications for anti-IGFBP1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human IGFBP1
Subcellular Location	Secreted.
Predicted Cross Reactivity	Horse, Rabbit, Dog, Xenopus
Similarity	Horse (92%), Rabbit (83%), Dog (83%), Xenopus (83%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts of Mouse liver tissue lysate, using IGFBP1 antibody. The lane on the left is treated with the antigen-specific peptide.



IHC (Immunohistochemistry)

AAA326865 at 1/100 staining Human uterus tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-IGFBP1 antibody	Description: This gene is a member of the insulin-like growth factor binding protein (IGFBP) family and encodes a protein with an IGFBP domain and a thyroglobulin type-I domain. The protein binds both insulin-like growth factors (IGFs) I and II and circulates in the plasma. Binding of this protein prolongs the half-life of the IGFs and alters their interaction with cell surface receptors. 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. Subunit Structure: Binds equally well IGF1 and IGF2. 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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NCBI AND UNIPROT INFORMATION

NCBI GI #	4504615
NCBI GeneID	3484
NCBI Accession #	NP_000587.1
NCBI GenBank Nucleotide #	NM_000596.3
UniProt Accession #	P08833; Q8IYP5; A4D2F4; D3DVL9
Molecular Weight	Observed: 28 kDa Predicted: 28 kDa
NCBI Official Full Name	insulin-like growth factor-binding protein 1
NCBI Official Synonym Full Names	insulin like growth factor binding protein 1
NCBI Official Symbol	IGFBP1
NCBI Official Synonym Symbols	AFBP; IBP1; PP12; IGF-BP25; hIGFBP-1
NCBI Protein Information	insulin-like growth factor-binding protein 1
UniProt Protein Name	Insulin-like growth factor-binding protein 1
UniProt Gene Name	IGFBP1
UniProt Synonym Gene Names	IBP1; IBP-1; IGF-binding protein 1; IGFBP-1; PP12

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/igfbp1-antibody-immunohistochemistry-western-blot-elisa/326865>