

Rabbit IGFBP4 Polyclonal Antibody | anti-IGFBP4 antibody

IGFBP4 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288879	Rabbit	Human, mouse (Predicted Reactivity: Bovine, Pig)	Western Blot, Immunohistochemistry, ELISA

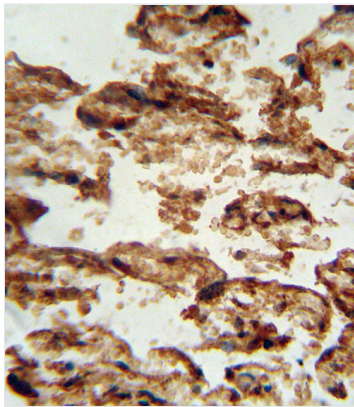
PRODUCT SYNONYMS

IGFBP4; Polyclonal Antibody; IGFBP4 Antibody (Center); Insulin-like growth factor-binding protein 4; IBP-4; IGF-binding protein 4; IGFBP-4; IBP4; anti-IGFBP4 antibody

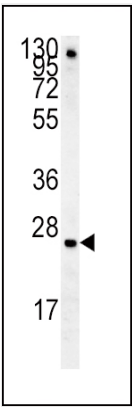
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Bovine, Pig)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This IGFBP4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 96-124 amino acids from the Central region of human IGFBP4.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	96-124
Sequence Length	158
Applicable Applications for anti-IGFBP4 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
IGFBP4 antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human placenta tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the IGFBP4 antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
IGFBP4 Antibody (Center) western blot analysis in mouse lung tissue lysates (15ug/lane). This demonstrates the IGFBP4 antibody detected IGFBP4 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-IGFBP4 antibody	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 in both glycosylated and non-glycosylated forms. Binding of this protein prolongs the half-life of the IGFs and alters their interaction with cell surface receptors.
Product Categories/Family for anti-IGFBP4 antibody	Cancer; Cardiovascular; Signal transduction
References	Giroux, S., et al. Bone 47(5):975-981(2010) Canzian, F., et al. Hum. Mol. Genet. 19(19):3873-3884(2010) Bartling, B., et al. Int. J. Mol. Med. 25(1):89-96(2010) Johnatty, S.E., et al. PLoS Genet. 6 (7), E1001016 (2010) : Yerges, L.M., et al. J. Bone Miner. Res. 24(12):2039-2049(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	62243290
NCBI GeneID	3487
NCBI Accession #	NP_001543.2
NCBI GenBank Nucleotide #	NM_001552.2
UniProt Accession #	P22692; Q5U012; Q9UCL6; A0N9W2; B4E351
Molecular Weight	27934
NCBI Official Full Name	insulin-like growth factor-binding protein 4
NCBI Official Synonym Full Names	insulin-like growth factor binding protein 4
NCBI Official Symbol	IGFBP4
NCBI Official Synonym Symbols	BP-4; IBP4; IGFBP-4; HT29-IGFBP
NCBI Protein Information	insulin-like growth factor-binding protein 4
UniProt Protein Name	Insulin-like growth factor-binding protein 4

UniProt Gene Name	IGFBP4
UniProt Synonym Gene Names	IBP4; IBP-4; IGF-binding protein 4; IGFBP-4
UniProt Entry Name	IBP4_HUMAN

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://www.aaabiotech.com/polyclonal/igfbp4-antibody-western-blot-immunohistochemistry-elisa/288879>