

Rabbit IGFBP3 Polyclonal Antibody | anti-IGFBP3 antibody

IGFBP3 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287138	Rabbit	Human (Predicted Reactivity: Rat)	Immunohistochemistry, ELISA, Western Blot

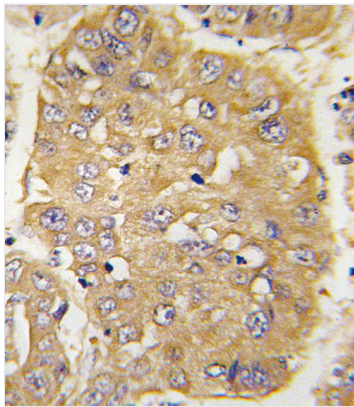
PRODUCT SYNONYMS

IGFBP3; Polyclonal Antibody; IGFBP3 Antibody (N-term); Insulin-like growth factor-binding protein 3; IBP-3; IGF-binding protein 3; IGFBP-3; IBP3; anti-IGFBP3 antibody

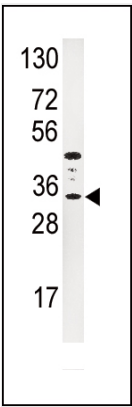
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This IGFBP3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 163-193 amino acids from the N-terminal region of human IGFBP3.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.
Concentration	Vial Concentration: 1.63 (varies by lot)
Sequence Positions	163-193
Sequence Length	297
Applicable Applications for anti-IGFBP3 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
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 (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with IGFBP3 Antibody (N-term) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of anti-IGFBP3 Antibody (N-term) in HepG2 cell line lysates (35ug/lane). IGFBP3(arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-IGFBP3 antibody	IGFBP3 is a member of the insulin-like growth factor binding protein (IGFBP) family with an IGFBP domain and a thyroglobulin type-I domain. The protein forms a ternary complex with insulin-like growth factor acid-labile subunit (IGFALS) and either insulin-like growth factor (IGF) I or II. In this form, it circulates in the plasma, prolonging the half-life of IGFs and altering their interaction with cell surface receptors.
Product Categories/Family for anti-IGFBP3 antibody	Cancer; Cardiovascular; Cell biology; Metabolism; Signal transduction
References	Muzumdar,R.H., Diabetes 55 (10), 2788-2796 (2006) Novosyadlyy,R., Growth Horm. IGF Res. 15 (5), 313-323 (2005)

NCBI AND UNIPROT INFORMATION

NCBI GI #	62243068
NCBI GeneID	3486
NCBI Accession #	NP_000589.2; NP_001013416.1
NCBI GenBank Nucleotide #	NM_000598.4
UniProt Accession #	P17936; Q2V509; Q6P1M6; Q9UCL4; A4D2F5; D3DVM0
Molecular Weight	31674
NCBI Official Full Name	insulin-like growth factor-binding protein 3 isoform b
NCBI Official Synonym Full Names	insulin-like growth factor binding protein 3
NCBI Official Symbol	IGFBP3
NCBI Official Synonym Symbols	IBP3; BP-53
NCBI Protein Information	insulin-like growth factor-binding protein 3
UniProt Protein Name	Insulin-like growth factor-binding protein 3
UniProt Gene Name	IGFBP3
UniProt Synonym Gene Names	IBP3; IBP-3; IGF-binding protein 3; IGFBP-3
UniProt Entry Name	IBP3_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/igfbp3-antibody-immunohistochemistry-western-blot-elisa/287138>