

Rabbit IGFBP2 Polyclonal Antibody | anti-IGFBP2 antibody

IGFBP2 Antibody (C-term)

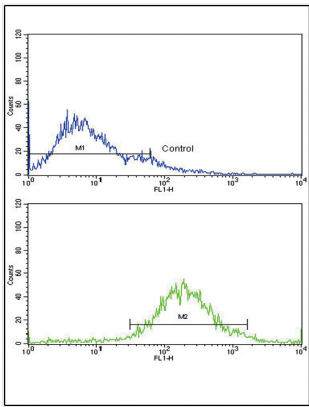
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287624	Rabbit	Human (Predicted Reactivity: Bovine, Pig)	Flow Cytometry, Functional Assay, Immunofluorescence, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

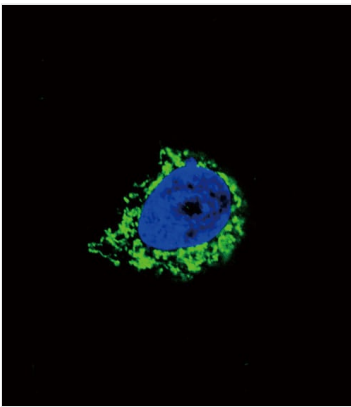
IGFBP2; Polyclonal Antibody; IGFBP2 Antibody (C-term); Insulin-like growth factor-binding protein 2; IBP-2; IGF-binding protein 2; IGFBP-2; BP2; IBP2; anti-IGFBP2 antibody

PRODUCT SPECIFICATIONS

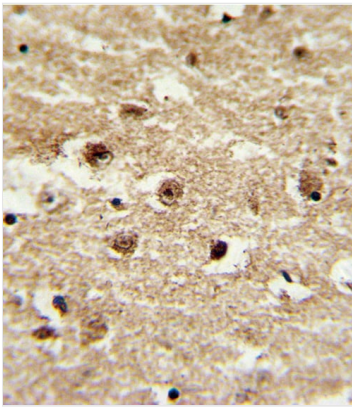
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Pig)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This IGFBP2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 277-305 amino acids from the C-terminal region of human IGFBP2.
Purity/Purification	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: 0.457 (varies by lot)
Sequence Positions	277-305
Sequence Length	325
Applicable Applications for anti-IGFBP2 antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), 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.



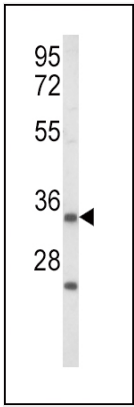
FCM/FACS (Flow Cytometry)
Flow cytometric analysis of jurkat cells using IGFBP2 Antibody (C-term)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IF (Immunofluorescence)
Confocal immunofluorescent analysis of IGFBP2 Antibody (C-term) with A549 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human brain tissue with IGFBP2 Antibody (C-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 IGFBP2 Antibody (C-term) in Jurkat cell line lysates (35ug/lane).IGFBP2 (arrow) was detected using the purified Pab.(2ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-IGFBP2 antibody	IGFBP2-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.
Product Categories/Family for anti-IGFBP2 antibody	Cancer; Signal Transduction
References	Arafat,A.M.,et.al.,J. Clin. Endocrinol. Metab. 94 (12), 5093-5101 (2009) Yazawa,T.,et.al.,Am. J. Pathol. 175 (3), 976-987 (2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	55925576
NCBI GeneID	3485
NCBI Accession #	NP_000588.2
NCBI GenBank Nucleotide #	NM_000597.2
UniProt Accession #	P18065; Q14619; Q9UCL3

Molecular Weight	34814
NCBI Official Full Name	insulin-like growth factor-binding protein 2
NCBI Official Synonym Full Names	insulin-like growth factor binding protein 2, 36kDa
NCBI Official Symbol	IGFBP2
NCBI Official Synonym Symbols	IBP2; IGF-BP53
NCBI Protein Information	insulin-like growth factor-binding protein 2
UniProt Protein Name	Insulin-like growth factor-binding protein 2
UniProt Gene Name	IGFBP2
UniProt Synonym Gene Names	BP2; IBP2; IBP-2; IGF-binding protein 2; IGFBP-2
UniProt Entry Name	IBP2_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/igfbp2-antibody-flow-cytometry-immunofluorescence-immunohistochemistry-western-blot-elisa/287624>