

Rabbit IGFBP-7 Polyclonal Antibody | anti-IGFBP-7 antibody

RABBIT ANTI HUMAN IGFBP-7

CATALOG # AAA50008	HOST Rabbit	APPLICATIONS Western Blot, ELISA
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PRODUCT SYNONYMS

IGFBP-7; Polyclonal Antibody; RABBIT ANTI HUMAN IGFBP-7; anti-IGFBP-7 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Form/Format	Purified Purified IgG - lyophilised
Concentration	IgG concentration 1.0mg/ml after reconstitution. (varies by lot)
Sequence Length	279
Applicable Applications for anti-IGFBP-7 antibody	WB (Western Blot), ELISA
Reconstitution	Reconstitute with 0.1ml distilled water. For long term storage the addition of 0.09% sodium azide is recommended.
Immunogen	Recombinant human IGFBP-7 Buffer Solution
Antiserum Preparation	Antisera to human IGFBP-7 were raised by repeated immunisations of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.
Target Species	Human
Preparation and Storage	Prior to reconstitution store at 4 degree C. After reconstitution store at -20 degree C. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 12 months from date of reconstitution.

ADDITIONAL INFORMATION

Related Product Information for anti-IGFBP-7 antibody	Rabbit anti Human IGFBP-7 antibody recognizes human IGFBP-7 (insulin-like growth factor binding protein-7), also known as mac25, a 256 amino acid secreted protein and member of a growing family of IGFBPs which regulate the biological activities and distribution of the insulin-like growth factors (IGFs), through binding to IGF-I and IGF-II. IGFBP-7 is widely expressed throughout normal tissues, but is also expressed in many tumour types at an increased or reduced level, and acts as a suppressor of breast and prostate cancer cell lines. IGFBP-7 inhibits IGF-induced differentiation of skeletal muscle (myogenesis) and has implications in bone formation, by its possible effects on the actions of parathyroid hormone (PTH) and cortisol.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	359465608
NCBI GeneID	3490

NCBI Accession #	NP_001240764.1
NCBI GenBank Nucleotide #	NM_001253835.1
UniProt Accession #	Q16270 ; Q07822 ; Q53YE6 ; Q9UCA8 ; B4E1N2 ; B7Z9W7
Molecular Weight	28,860 Da
NCBI Official Full Name	insulin-like growth factor-binding protein 7 isoform 2
NCBI Official Synonym Full Names	insulin-like growth factor binding protein 7
NCBI Official Symbol	IGFBP7
NCBI Official Synonym Symbols	AGM; PSF; TAF; FSTL2; IBP-7; MAC25; IGFBP-7; RAMSVPS; IGFBP-7v; IGFBPRP1
NCBI Protein Information	insulin-like growth factor-binding protein 7; IGF-binding protein 7; IGFBP-rP1; PGI2-stimulating factor; angiomodulin; prostacyclin-stimulating factor; tumor-derived adhesion factor
UniProt Protein Name	Insulin-like growth factor-binding protein 7
UniProt Gene Name	IGFBP7
UniProt Synonym Gene Names	MAC25; PSF; IBP-7; IGF-binding protein 7; IGFBP-7; TAF
UniProt Entry Name	IBP7_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/igfbp-7-antibody-western-blot-elisa/50008>