IGFBP3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	IGFBP3, Polyclonal Antibody
Full Product Name	IGFBP3 (Insulin-like Growth Factor-binding Protein 3, IBP-3, IGF-binding Protein 3, IGFBP-3, IBP3) (MaxLight 550)
Product Gene Name	anti-IGFBP3 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight550.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human IGFBP3.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo
Immunogen	Full length human IGFBP3, aa1-291 (AAH64987.1).
Immunogen Sequence	MQRARPTLWAAALTLLVLLRGPPVARAGASSAGLGPVVRCEPCDARALAQCAPPPAVCAELVREPGCGCCLTCALSEGQPCGIYTERCGSGLRCQPSP
Conjugate	MaxLight550
Note	Preservative Free
Product Categories/Family for anti-IGFBP3 antibody	Antibodies; Growth Factors; Cytokines
Applications Tested/Suitable for anti-IGFBP3 antibody	Western Blot (WB)
Application Notes for anti-IGFBP3 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-IGFBP3 antibody	Human IGF-BP3, also known as growth-hormone-dependant binding protein, is a 28.9kD cysteine-rich secreted protein. It is the major IGF binding prot IGF-BP3 may lead to acromegaly. The expression of IGF-BP3 in fibroblasts is stimulated by mitogenic growth factors such as Bombesin, Vasopressin,
Other Notes	Small volumes of anti-IGFBP3 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If neces
Searchable Terms for IGFBP3 purchase	MBS6382482 is an antibody targeting IGFBP3. Also known as IGFBP3 (Insulin-like Growth Factor-binding Protein 3, IBP-3, IGF-binding Protein 3, IGFI

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for IGFBP3. It may not necessarily be applicable to this product.

NCBI GI #	40675392
NCBI GeneID	3486
NCBI Accession #	AAH64987.1
UniProt Related Accession #	P17936
GenBank Nucleotide #	NM_000598
NCBI Official Full Name	Insulin-like growth factor binding protein 3
NCBI Official Synonym Full Names	insulin like growth factor binding protein 3
NCBI Official Symbol	IGFBP3
NCBI Official Synonym Symbols	IBP3; BP-53
Protein Family	Insulin-like growth factor-binding protein
NCBI Protein Information	insulin-like growth factor-binding protein 3
NCBI Summary for IGFBP3	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 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. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Jul 2008]
Research Articles on IGFBP3	**1.** There was higher IGFBP3 expression in glioblastoma multiforme (GBM) than in tumor margin and grade II glioma. IGFBP3 expression was not only positively correlated with tumor grades but also associated with tumor histology and IDH1/2 mutation status. Higher IGFBP3 expression predicted shorter overall survival in glioma and GBM proneural subgroup patients.
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