IGFBP6 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	IGFBP6, Polyclonal Antibody
Full Product Name	IGFBP6 (Insulin-Like Growth Factor Binding Protein 6, IGF Binding Protein 6, IGF-binding Protein 6, IBP6, IBP-6, IGFBP-6) (MaxLight 650)
Product Gene Name	anti-IGFBP6 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 MaxLight650.
Purity/Purification	Purified
Specificity	Recognizes human IGFBP6.
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 amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight650 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	25,322 Da
Chromosome Location	Chromosome: 12; NC_000012.11 (53491436..53496128). Location: 12q13
OMIM	146735
3D Structure	ModBase 3D Structure for P24592
Immunogen	IGFBP6 (NP_002169.1, 1-240aa) full-length human protein.
Conjugate	MaxLight650
Note	Preservative Free
Product Categories/Family for anti-IGFBP6 antibody	Antibodies; Growth Factors; Cytokines
Applications Tested/Suitable for anti-IGFBP6 antibody	Western Blot (WB)
Application Notes for anti-IGFBP6 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-IGFBP6 antibody	IGFBP6 (IGF binding protein 6) is a member of the IGFBP family that regulates the actions of IGFs. It acts extracellularly in an autocrine/paracrine manner. IGFBP6 binds preferentially to IGF-II. IGFBP6 has been shown to inhibit the growth of tumor cells and to promote apotosis.
Other Notes	Small volumes of anti-IGFBP6 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for IGFBP6 purchase	MBS6481915 is an antibody targeting IGFBP6. Also known as IGFBP6 (Insulin-Like Growth Factor Binding Protein 6, IGF Binding Protein 6, IGF-binding Protein 6, IBP6, IBP-6, IGFBP-6) (MaxLight 650). Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for IGFBP6. It may not necessarily be applicable to this product.

NCBI GI #	11321593
NCBI GeneID	3489
NCBI Accession #	NP_002169.1
UniProt Primary Accession #	P24592
UniProt Secondary Accession #	Q14492
UniProt Related Accession #	P24592
GenBank Nucleotide #	NM_002178.2
NCBI Official Full Name	insulin-like growth factor-binding protein 6
NCBI Official Synonym Full Names	insulin-like growth factor binding protein 6
NCBI Official Symbol	IGFBP6
NCBI Official Synonym Symbols	IBP6
UniProt Protein Name	Insulin-like growth factor-binding protein 6
Protein Family	Insulin-like growth factor-binding protein
UniProt Gene Name	IGFBP6
UniProt Synonym Gene Names	IBP6; IBP-6; IGF-binding protein 6; IGFBP-6
UniProt Entry Name	IBP6_HUMAN
NCBI Protein Information	insulin-like growth factor-binding protein 6; IBP-6; IGFBP-6; IGF binding protein 6; IGF-binding protein 6
UniProt Comments for IGFBP6	IGFBP6: IGF-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. Protein type: Cell cycle regulation; Secreted, signal peptide; Secreted Chromosomal Location of Human Ortholog: 12q13 Cellular Component: Golgi apparatus; extracellular space; extracellular region Molecular Function: insulin-like growth factor I binding; insulin-like growth factor II binding Biological Process: negative regulation of cell proliferation; cellular protein metabolic process; regulation of insulin-like growth factor receptor signaling pathway; regulation of cell growth; signal transduction
Research Articles on IGFBP6	**1.** Review of the IGF system in physiology and disease with a focus on the regulation and actions of IGFBP-6, and its potential roles in cancer cells.
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