

IGFBP6 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP6764b**Specification**

IGFBP6 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [P24592](#)**IGFBP6 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 3489**Other Names**

Insulin-like growth factor-binding protein 6, IBP-6, IGF-binding protein 6, IGFBP-6, IGFBP6, IBP6

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP6764b](/products/AP6764b) was selected from the C-term region of human IGFBP6. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

IGFBP6 Antibody (C-term) Blocking Peptide - Protein Information**Name** IGFBP6 ([HGNC:5475](#))**Synonyms** IBP6**Function**

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. Activates the MAPK signaling pathway and induces cell migration (PubMed: <http://www.uniprot.org/citations/24003225>).

Cellular Location

Secreted.

IGFBP6 Antibody (C-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

IGFBP6 Antibody (C-term) Blocking Peptide - Images

IGFBP6 Antibody (C-term) Blocking Peptide - Background

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 tumour cells and to promote apoptosis.

IGFBP6 Antibody (C-term) Blocking Peptide - References

Guey, L.T., et.al., Eur. Urol. (2009)