

IGFBP4 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP6941c**Specification**

IGFBP4 Antibody (Center) Blocking peptide - Product Information

Primary Accession [P22692](#)
Other Accession [NP_001543.2](#)

IGFBP4 Antibody (Center) Blocking peptide - Additional Information

Gene ID 3487

Other Names

Insulin-like growth factor-binding protein 4, IBP-4, IGF-binding protein 4, IGFBP-4, IGFBP4, IBP4

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.

IGFBP4 Antibody (Center) Blocking peptide - Protein Information

Name IGFBP4

Synonyms IBP4

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.

Cellular Location

Secreted.

IGFBP4 Antibody (Center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

IGFBP4 Antibody (Center) Blocking peptide - Images

IGFBP4 Antibody (Center) Blocking peptide - Background

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 binds both insulin-like growth factors (IGFs) I and II and circulates in the plasma in both glycosylated and non-glycosylated forms. Binding of this protein prolongs the half-life of the IGFs and alters their interaction with cell surface receptors.

IGFBP4 Antibody (Center) Blocking peptide - References

Giroux, S., et al. Bone 47(5):975-981(2010) Canzian, F., et al. Hum. Mol. Genet. 19(19):3873-3884(2010) Bartling, B., et al. Int. J. Mol. Med. 25(1):89-96(2010) Johnatty, S.E., et al. PLoS Genet. 6 (7), E1001016 (2010) Yerges, L.M., et al. J. Bone Miner. Res. 24(12):2039-2049(2009)