

Goat Anti-IGFBP4 Antibody

Peptide-affinity purified goat antibody Catalog # AF1558a

Specification

Goat Anti-IGFBP4 Antibody - Product Information

Application WB
Primary Accession P22692

Other Accession NP_001543, 3487

Reactivity Human
Predicted Mouse, Cow
Host Goat

Clonality Polyclonal Concentration 100ug/200ul

Isotype IgG
Calculated MW 27934

Goat Anti-IGFBP4 Antibody - 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

0.5 mg lgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat Anti-IGFBP4 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-IGFBP4 Antibody - 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.

Goat Anti-IGFBP4 Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Goat Anti-IGFBP4 Antibody - Images



AF1558a (1 μ g/ml) staining of Human Liver lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Goat Anti-IGFBP4 Antibody - 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.

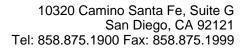
Goat Anti-IGFBP4 Antibody - References

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Insulin-like growth factor binding proteins-2 and -4 enhance the migration of human CD34-/CD133+ hematopoietic stem and progenitor cells. Bartling B, et al. Int J Mol Med, 2010 Jan. PMID 19956906.





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