

Goat Anti-IGFBP3 Antibody
Peptide-affinity purified goat antibody
Catalog # AF1557a

Specification

Goat Anti-IGFBP3 Antibody - Product Information

Application	WB
Primary Accession	P17936
Other Accession	NP_000589 , 3486 , 16009 (mouse) , 24484 (rat)
Reactivity	Human
Predicted	Mouse, Rat, Dog
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	31674

Goat Anti-IGFBP3 Antibody - Additional Information

Gene ID 3486

Other Names

Insulin-like growth factor-binding protein 3, IBP-3, IGF-binding protein 3, IGFBP-3, IGFBP3, IBP3

Format

0.5 mg IgG/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-IGFBP3 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-IGFBP3 Antibody - Protein Information

Name IGFBP3

Synonyms IBP3

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. Also exhibits IGF-independent antiproliferative and apoptotic effects mediated by its receptor TMEM219/IGFBP-3R. Inhibits the positive effect of humanin on

insulin sensitivity (PubMed:19623253). Promotes testicular germ cell apoptosis (PubMed:19952275).

Cellular Location

Secreted.

Tissue Location

Expressed by most tissues. Present in plasma.

Goat Anti-IGFBP3 Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Goat Anti-IGFBP3 Antibody - Images



AF1557a (0.02 µg/ml) staining of Human Breast cancer lysate (35 µg protein in RIPA buffer) with (B) and without (A) blocking with the immunising peptide. Primary incubation was 1 hour. Detected by chemiluminescence.