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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 Cytomety
- 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.