

#### **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 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-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:<a href="http://www.uniprot.org/citations/19623253" target="\_blank">19623253</a>). Promotes testicular germ cell apoptosis (PubMed:<a href="http://www.uniprot.org/citations/19952275" target=" blank">19952275</a>).

**Cellular Location** Secreted.

#### **Tissue Location**

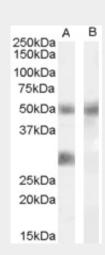
Expressed by most tissues. Present in plasma.

## **Goat Anti-IGFBP3 Antibody - Protocols**

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

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

# Goat Anti-IGFBP3 Antibody - Images



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