

Product datasheet for TA303275

OriGene Technologies, Inc.

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IGFBP3 Goat Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

WB **Applications:**

Recommended Dilution: ELISA: 1:64,000. WB: 0.02-0.06µg/ml.

Human (Expected from sequence similarity: Mouse, Rat, Dog) Reactivity:

Host: Goat Isotype: lgG

Clonality: Polyclonal

Immunogen: Peptide with sequence C-RYKVDYESQSTDTQN, from the internal region of the protein

sequence according to NP_001013416.1; NP_000589.2.

insulin like growth factor binding protein 3

Formulation: Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum

albumin.

Purification: Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity

> chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize

freezing and thawing.

Conjugation: Unconjugated

Storage: Store at -20°C as received.

Stability: Stable for 12 months from date of receipt. Gene Name:

Database Link: NP 000589

Entrez Gene 16009 MouseEntrez Gene 24484 RatEntrez Gene 100855619 DogEntrez Gene

3486 Human P17936





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 forms a ternary complex with insulin-like growth factor acid-labile subunit (IGFALS) and either insulin-like growth factor (IGF) I or II. In this form, it circulates in the plasma, prolonging the half-life of IGFs and altering their interaction with cell surface receptors. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.

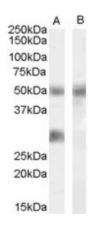
[provided by RefSeq]

Synonyms: BP-53; IBP3

Protein Families: Druggable Genome, Secreted Protein

Protein Pathways: p53 signaling pathway

Product images:



TA303275 (0.02ug/ml) staining of Human Breast cancer lysate (35ug protein in RIPA buffer) with (B) and without (A) blocking with the immunising peptide. Primary incubation was 1 hour. Detected by chemiluminescence.