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Research Use Only. Not for diagnostic or therapeutic use.

EB11949 - Goat Anti-IGFBP1 (aa156-170) Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: IGFBP1, insulin-like growth factor binding protein 1, AFBP, IBP1, IGF-BP25, PP12, hIGFBP-1, IBP-1, IGF-binding protein 1, IGFBP-1,

OTTHUMP00000159561, OTTHUMP00000207990, OTTHUMP00000214348, alpha-pregnancy-associated endometrial globulin, amniotic fluid binding protein, binding protein-25, binding protein-26, binding protein-28, growth hormone independent-binding

protein, insulin-like growth factor-binding protein 1, placental protein 12

Official Symbol: IGFBP1

Accession Number(s): NP_000587.1

Human GeneID(s): 3484

Immunogen

Peptide with sequence C-STYDGSKALHVTNIK, from the internal region of the protein sequence according to NP_000587.1.

Please note the peptide is available for sale.

Purification and Storage

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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:64000.

Western blot: Approx 30kDa band observed in Human Placenta lysates (calculated MW of 27.9kDa according to NP_000587.1). Recommended concentration: 1-3μg/ml. An additional band of 55kDa was consistently observed, however this band was not blocked by the immunizing peptide and it is therefore a non-specific signal.

IHC: Paraffin embedded Human Testis. Recommended concentration: 10µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

250kDa 150kDa 100kDa 75kDa

50kDa

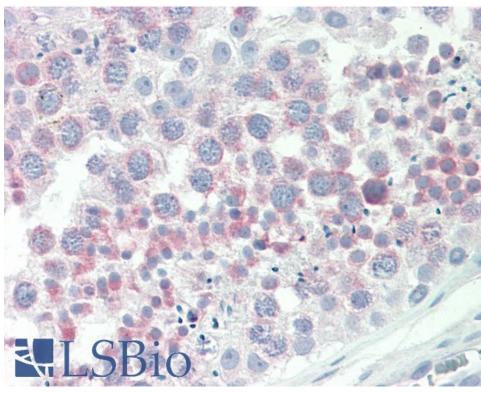
37kDa

25kDa

20kDa

15kDa

EB11949 (2μg/ml) staining of Human Placenta lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB11949 (10μg/ml) staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.