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Research Use Only. Not for diagnostic or therapeutic use.

EB08513 - Goat Anti-IGFBP6 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: IGFBP6, insulin-like growth factor binding protein 6, IBP6, IGF binding

protein 6

Official Symbol: IGFBP6

Accession Number(s): NP_002169.1

Human GeneID(s): 3489

Immunogen

Peptide with sequence C-RPQDVNRRDQQRNP, from the internal region of the protein sequence according to NP_002169.1.

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 1:32000.

Western blot: Approx. 25kDa band observed in Human Adrenal Gland lysates (calculated MW of 25.3kDa according to NP_002169.1). In transfected HEK293 transiently expressing IGFBP6 a band of approx. 29kDa is observed. This band is not observed in the

non-transfected HEK293. Recommended concentration: 0.5-1.5µg/ml.

IHC: Paraffin embedded Human Skeletal Muscle. Recommended concentration: 5µg/ml.

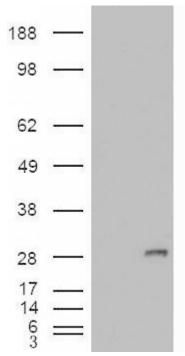
Species Reactivity

Tested: Human

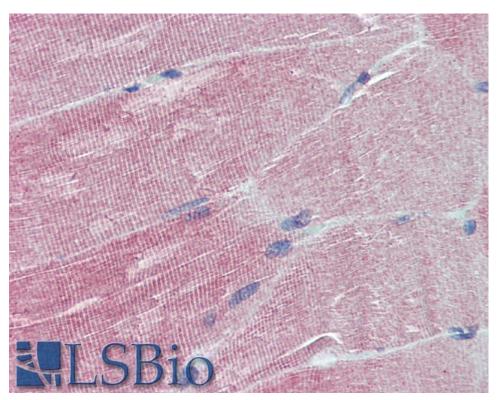
Expected from sequence similarity: Human, Cow



EB08513 (0.5 μ g/ml) staining of Human Adrenal Gland lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



HEK293 overexpressing IGFBP6 (RC204060) and probed with EB08513 (mock transfection in first lane), tested by Origene.



EB08513 ($5\mu g/ml$) staining of paraffin embedded Human Skeletal Muscle. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.