



## UK Office

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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 (0.5µg/ml) staining of Human Adrenal Gland lysate (35µg 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 (5µg/ml) staining of paraffin embedded Human Skeletal Muscle. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.