

## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB08514 - Goat Anti-IGFBP7 (aa194-207) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** IGFBP7, insulin-like growth factor binding protein 7, FSTL2, IGFBP-7, IGFBP-7v, MAC25, PSF

**Official Symbol:** IGFBP7

**Accession Number(s):** NP\_001544.1

**Human GeneID(s):** [3490](#)

### Immunogen

Peptide with sequence C-NKVKRGHYGVQRTE, from the internal region of the protein sequence according to NP\_001544.1 .

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 1:16000.

**Western blot:** Preliminary experiments gave an approx 50kDa band in Human Kidney, Spleen, Ovary, Prostate and Testis lysates after 0.5µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 29.1kDa according to NP\_001544.1. The 50kDa band was successfully blocked by incubation with the immunizing peptide.

**IHC:** Paraffin embedded Human Tonsil and Pancreas. Recommended concentration: 2.5µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Cow

EB08514 (2.5µg/ml) staining of paraffin embedded Human Tonsil. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

EB08514 (2.5µg/ml) staining of paraffin embedded Human Pancreas. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.