



## UK Office

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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.

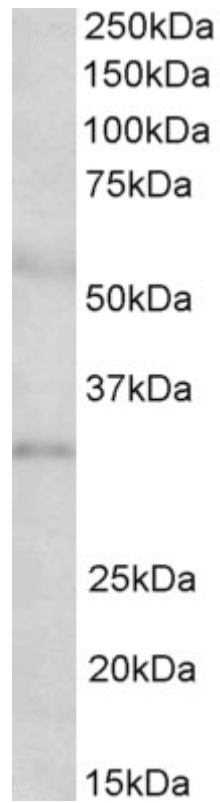
**Western blot:** Approx 30kDa band observed in Human Placenta lysates (calculated MW of 27.9kDa according to NP\_000587.1). Recommended concentration: 1-3µg/ml. An additional band of 55kDa was consistently observed, however this band was not blocked by the immunizing peptide and it is therefore a non-specific signal.

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

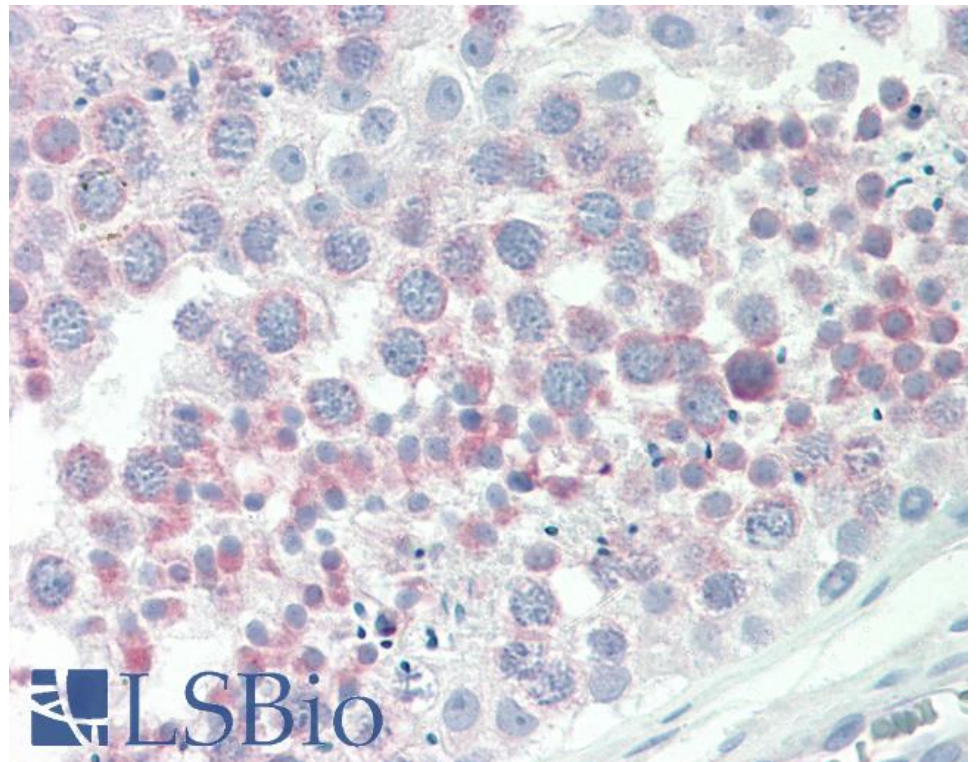
### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



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



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