

## UK Office

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

## EB06771 - Goat Anti-LRP5 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** LRP5, low density lipoprotein receptor-related protein 5, HGNC:6697, BMND1, HBM, LR3, LRP7, OPPG, OPS, VBCH2, low density lipoprotein receptor-related protein 7, osteoporosis pseudoglioma syndrome, EVR1, EVR4, exudative vitreoretinopathy 1

**Official Symbol:** LRP5

**Accession Number(s):** NP\_002326.2

**Human GeneID(s):** [4041](#)

### Immunogen

Peptide with sequence C-ERVEKTTGDKRT, from the internal region of the protein sequence according to NP\_002326.2.

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:** Approx 180kDa band observed in lysates of cell line HepG2 (calculated MW of 179kDa according to NP\_002326.2). Recommended concentration: 1-3µg/ml. Primary incubation was 1 hour. Preliminary testing was unsuccessful on Mouse Liver for this particular batch.

**IHC:** In paraffin embedded Human Liver shows weak cytoplasm staining in some hepatocytes. Recommended concentration: 2-4µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Mouse, Rat

EB06771 (1µg/ml) staining of HepG2 lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.  
EB06771 (2µg/ml) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, HRP-staining.