

#### **International Office**

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# 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**

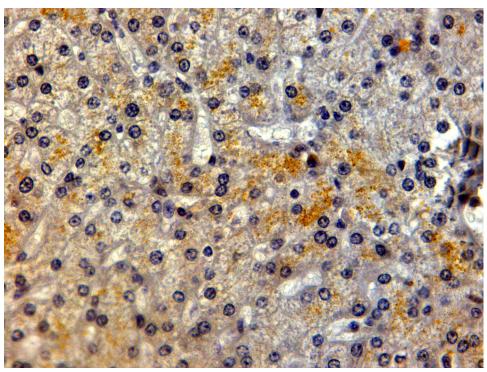
Tested: Human

Expected from sequence similarity: Human, Mouse, Rat

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

15kDa

 $EB06771 \; (1\mu g/ml) \; staining \; of \; HepG2 \; lysate \; (35\mu g \; protein \; in \; RIPA \; buffer). \; Detected \; by \; chemiluminescence.$ 



EB06771 ( $2\mu g/ml$ ) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, HRP-staining.