



## UK Office

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

## EB08841 - Goat Anti-LRP4 / LRP10 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** LRP4, low density lipoprotein receptor-related protein 4, KIAA0816, LRP10, MEGF7, low-density lipoprotein receptor-related protein 4

**Official Symbol:** LRP4

**Accession Number(s):** NP\_002325.2

**Human GeneID(s):** [4038](#)

**Non-Human GeneID(s):** 228357 (mouse), 83469 (rat)

### Immunogen

Peptide with sequence C-SNPSYRTSTQEVK, from the internal region of the protein sequence according to NP\_002325.2.

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 1:32000.

**Western blot:** Approx. 200kDa band observed in Human Brain (Cerebral Cortex) lysates (calculated MW of 212kDa according to NP\_002325.2). Recommended concentration: 0.1-0.3µg/ml.

**IHC:** Paraffin embedded Human Colon. Recommended concentration: 3.75µg/ml.

### Species Reactivity

**Tested:** Human

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

EB08841 (0.1µg/ml) staining of Human Cerebral Cortex lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

EB08841 (3.75µg/ml) staining of paraffin embedded Human Colon. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.