

## UK Office

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

## EB07416 - Goat Anti-EDG2 / LPAR1 Antibody

Size: 100µg specific antibody in 200µl

### Target Protein

**Principal Names:** EDG2, endothelial differentiation, lysophosphatidic acid

G-protein-coupled receptor, 2, Gpcr26, LPA1, LPAR1, Mrec1.3, edg-2, rec.1.3, vzg-1, ventricular zone gene 1

**Official Symbol:** EDG2

**Accession Number(s):** NP\_001392.2; NP\_476500.1

**Human GeneID(s):** [1902](#)

**Non-Human GeneID(s):** 14745 (mouse), 116744 (rat)

**Important Comments:** Both reported variants represent identical protein (NP\_001392.2 and NP\_476500.1).

### Immunogen

Peptide with sequence C-SRHSSGPRRNRDT, from the internal region of the protein sequence according to NP\_001392.2; NP\_476500.1.

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 1:4000.

**Western blot:** Preliminary experiments in lysates of Human Brain, Mouse Brain and Rat Brain and of cell lines HEK193, A549 and HepG2 gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates?

### Species Reactivity

**Tested:**

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