EB10252 - Goat Anti-S1PR2 Antibody

Size: 100µg specific antibody in 200µl

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Research Use Only. Not for diagnostic or therapeutic use.

Target Protein

Principal Names: AGR16, EDG5, EDG-5, endothelial differentiation, sphingolipid G-protein-coupled receptor, 5, Gpcr13, H218, LPB2, S1P receptor EDG5, S1P2, sphingosine 1-phosphate receptor 2, sphingosine-1-phosphate receptor 2, S1PR2
Official Symbol: S1PR2
Accession Number(s): NP_004221.3
Human GeneID(s): 9294
Non-Human GeneID(s): 14739 (mouse), 29415 (rat)

Immunogen

Peptide with sequence C-NYTKETLETQ, from the internal region of the protein sequence according to NP_004221.3.

Please note the peptide is available for sale.

Purification and Storage

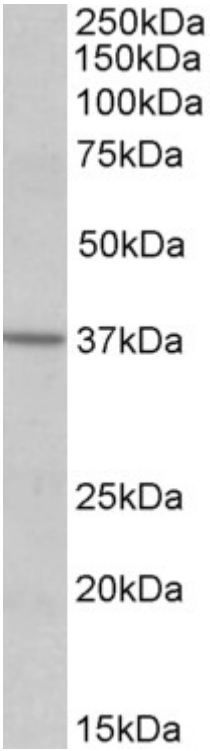
Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:32000.
Western blot: Approx 37kDa band observed in Human Frontal Cortex and in Mouse Brain lysates (calculated MW of 38.9kDa according to NP_004221.3). Recommended concentration: 0.5-1.5µg/ml. Primary incubation was 1 hour.

Species Reactivity

Tested: Human, Mouse
Expected from sequence similarity: Human, Mouse, Rat, Dog



EB10252 (0.5µg/ml) staining of Human Frontal Cortex lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.