

Goat anti-EDG8 / SPPR1 Antibody

Item Number	dAP-2945
Target Molecule	Principle Name: EDG8 / SPPR1; Official Symbol: S1PR5; All Names and Symbols: S1PR5; sphingosine-1-phosphate receptor 5; EDG8; Edg-8; S1P5; SPPR-1; SPPR-2; endothelial differentiation, sphingolipid G-protein-coupled receptor, 8; sphingosine 1-phosphate receptor 5; sphingosine 1-phosphate receptor Edg-8; Accession Number (s): NP_110387.1; Human Gene ID(s): 53637; Non-Human GenID(s):
Immunogen	SGSERSSPQRDGLD, is from internal region (near C Terminus)
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 2000.
Western Blot	Western Blot: Approx 38kDa band observed in Human Brain (Frontal Cortex and Amygdala) lysates (calculated MW of 41.8kDa according to NP_110387.1). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Miron VE, Jung CG, Kim HJ, Kennedy TE, Soliven B, Antel JP. FTY720 modulates human oligodendrocyte progenitor process extension and survival. Annals of neurology 2008 Jan 63 (1): 61-71..PMID: 17918267->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**