

## Goat anti-EDG8 / SPPR1 Antibody

<b>Item Number</b>	dAP-2945
<b>Target Molecule</b>	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 GeneID(s):
<b>Immunogen</b>	SGSERSSPQRDGLD, is from internal region (near C Terminus)
<b>Applications</b>	Pep ELISA, WB Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 2000.
<b>Western Blot</b>	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.
<b>IHC</b>	
<b>Reference</b>	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 ender users! This product is sold for **Research Use Only**