

EDG8 Polyclonal Antibody

Catalog NumberPA5-34186

Product data sheet

Details		Species Reactivity	
Size	50 µg	Species reactivity	Human, Pig, Rat
Host/Isotope	Rabbit / IgG	Tested Applications	Dilution *
Class	Polyclonal		
Type	Antibody	Immunohistochemistry (Paraffin) (IHC (P))	3-6 µg/mL
Immunogen	Synthetic 17 amino acid peptide from N-terminal extracellular domain of human S1PR5 / EDG8.	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Conjugate	Unconjugated		
Form	Liquid		
Concentration	1 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	PBS		
Contains	0.1% sodium azide		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

Percent identity with other species by BLAST analysis: Human, Gorilla, Monkey, Marmoset, Elephant, Bat, Pig (100%) Mouse, Rat, Hamster, Dog, Bovine (94%).

Background/Target Information

The lysosphingolipid sphingosine 1-phosphate (S1P) regulates cell proliferation, apoptosis, motility, and neurite retraction. Its actions may be both intracellular as a second messenger and extracellular as a receptor ligand. S1P and the structurally related lysolipid mediator lysophosphatidic acid (LPA) signal cells through a set of G protein-coupled receptors known as EDG receptors. Some EDG receptors (e.g., EDG1) are S1P receptors; others (e.g., EDG2) are LPA receptors.

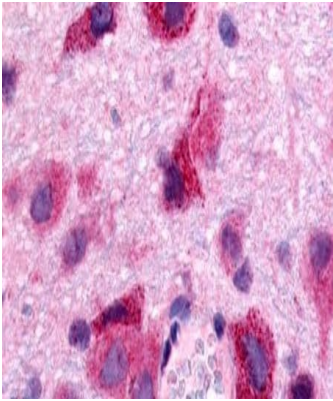
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Product Images For EDG8 Polyclonal Antibody



EDG8 Antibody (PA5-34186) in IHC (P)
Immunohistochemical analysis of formalin-fixed paraffin-embedded rat brain, neurons and glia using a EDG8/S1P5 polyclonal antibody (Product # PA5-34186). Heat-induced antigen retrieval was performed prior to staining.

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