

GPR27 Polyclonal Antibody

Catalog NumberPA5-33687

Product data sheet

Details		Species Reactivity	
Size	50 µg	Species reactivity	Human
Host/Isotope	Rabbit / IgG	Tested Applications	Dilution *
Class	Polyclonal		
Type	Antibody		
Immunogen	Synthetic 19 amino acid peptide from N-terminal extracellular domain of human GPR27.	Immunohistochemistry (Paraffin) (IHC (P))	4 µg/mL
Conjugate	Unconjugated	Immunocytochemistry (ICC/IF)	Assay-dependent
Form	Liquid	* 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.	
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 (100%) Rat (89%).

Background/Target Information

G protein coupled receptors (GPCRs) are a large family of receptors that have a similar structure characterized by 7 transmembrane domains. Activation of GPCRs by extracellular stimuli such as neurotransmitters, hormones, or light induces an intracellular signaling cascade mediated by heterotrimeric GTP-binding proteins, or G proteins. The 375 amino acid GPCR GPR27 protein contains several features of the GPCR family, including 7 transmembrane domains, potential N linked glycosylation sites in the N terminal extracellular domain, and conserved cysteine residues, which may form a disulfide bridge, in the first and second extracellular loops.

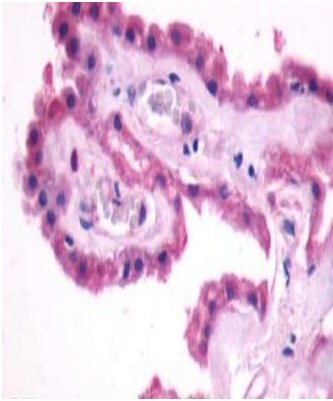
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Product Images For GPR27 Polyclonal Antibody



GPR27 Antibody (PA5-33687) in IHC (P)
Immunohistochemical analysis of formalin-fixed paraffin-embedded human brain, choroid plexus using a GPR27 polyclonal antibody (Product # PA5-33687). Heat-induced antigen retrieval was performed prior to staining.

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