

GPR17 Polyclonal Antibody

Catalog NumberPA5-33659

Product data sheet

Details		Species Reactivity	
Size	50 µg	Species reactivity	Bovine, Horse, Human, Non-human primate, Pig, Rabbit
Host/Isotope	Rabbit / IgG		
Class	Polyclonal	Tested Applications	Dilution *
Type	Antibody	Immunohistochemistry (Paraffin) (IHC (P))	3 µg/mL
Immunogen	Synthetic 15 amino acid peptide from 1st cytoplasmic domain of human GPR17.	* 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

This antibody is not recommended for use in ICC applications. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Elephant, Panda, Bovine, Horse, Rabbit, Pig (100%).

Background/Target Information

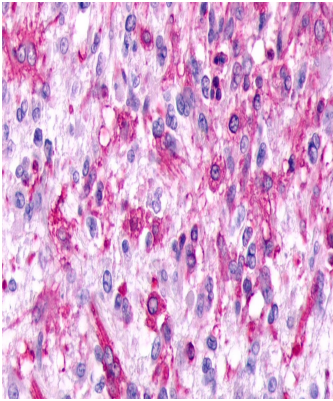
The G-protein-coupled receptor (GPCR) superfamily is comprised of an estimated 600-1,000 members and is the largest known class of molecular targets with proven therapeutic value. GPR17 is an orphan G protein-coupled receptor involved in orchestration of oligodendrocyte differentiation and myelination in the central nervous system. GPR17 is expressed in brain, kidney, heart and umbilical vein endothelial cells. GPR17 has dual specificity for uracil nucleotides and cysteinyl leukotrienes and signals through G(i) and inhibition of adenylyl cyclase. May mediate brain damage by nucleotides and cysteinyl leukotrienes following ischemia.

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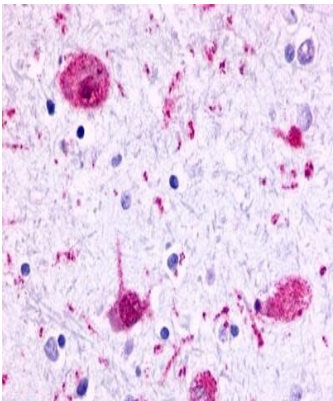
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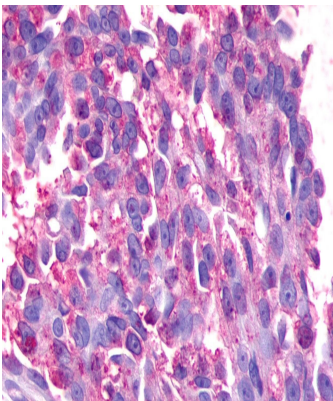
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GPR17 Antibody (PA5-33659) in IHC (P)
Immunohistochemistry analysis of GPR17 in human Brain, Glioblastoma. Samples were incubated with GPR17 polyclonal antibody (Product # PA5-33659). Formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



GPR17 Antibody (PA5-33659) in IHC (P)
Immunohistochemistry analysis of GPR17 in human brain, neurons and glia. Samples were incubated with GPR17 polyclonal antibody (Product # PA5-33659). Formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



GPR17 Antibody (PA5-33659) in IHC (P)
Immunohistochemistry analysis of GPR17 in human Ovary, Carcinoma. Samples were incubated with GPR17 polyclonal antibody (Product # PA5-33659). Formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

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