

GPR101 Polyclonal Antibody

Catalog NumberPA5-32788

Product data sheet

Details		Species Reactivity	
Size	50 µg	Species reactivity	Human
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Immunohistochemistry (Paraffin) (IHC (P))	Dilution *7.3 µg/mL
Type	Antibody	* 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.	
Immunogen	Synthetic 19 amino acid peptide from 3rd cytoplasmic domain of human GPR101.		
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 (100%); Gibbon, Monkey (95%); Bovine, Horse, Pig (89%); Bat, Panda, Rabbit (84%). For IHC(P), use heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen.

Background/Target Information

G protein-coupled receptors (GPCRs, or GPRs) contain 7 transmembrane domains and transduce extracellular signals through heterotrimeric G proteins. Expression of GPR101 has been documented by Northern analysis in human hypothalamus, caudate, and putamen but not in thalamus, hippocampus, frontal cortex, or pons.

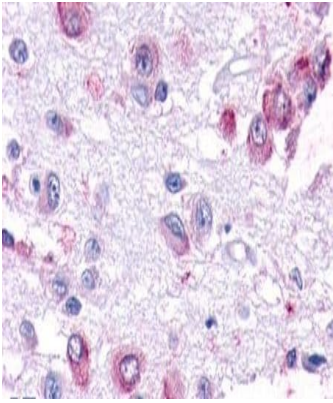
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Product Images For GPR101 Polyclonal Antibody



GPR101 Antibody (PA5-32788) in IHC (P)
Immunohistochemical analysis of formalin-fixed paraffin-embedded human brain, hypothalamus using a GPR101 polyclonal antibody (Product # PA5-32788). Heat-induced antigen retrieval was performed prior to staining.

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