

GPR27 Polyclonal Antibody

Catalog NumberPA5-33685

Product data sheet

Details		Species Reactivity	
Size	50 µg	Species reactivity	Human, Mouse, Rat
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Immunohistochemistry (Paraffin) (IHC (P))	Dilution * 5 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 GPR27.		
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, Mouse, Rat, Elephant, Panda (100%); Opossum (89%). For IHC(P), use proteinase K antigen retrieval. 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) 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.

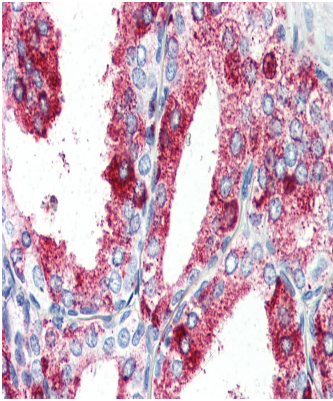
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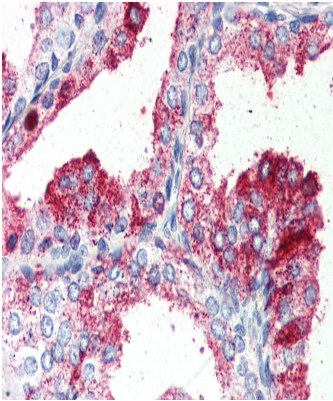
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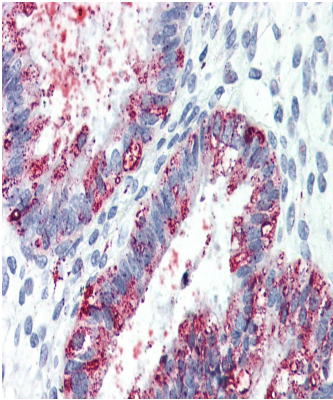
Product Images For GPR27 Polyclonal Antibody



GPR27 Antibody (PA5-33685) in IHC (P)
Immunohistochemistry analysis of GPR27 in human prostate. Samples were incubated with GPR27 polyclonal antibody (Product # PA5-33685). Formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



GPR27 Antibody (PA5-33685) in IHC (P)
Immunohistochemistry analysis of GPR27 in human prostate. Samples were incubated with GPR27 polyclonal antibody (Product # PA5-33685). Formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



GPR27 Antibody (PA5-33685) in IHC (P)
Immunohistochemistry analysis of GPR27 in human uterus. Samples were incubated with GPR27 polyclonal antibody (Product # PA5-33685). Formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

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