

GPR153 Polyclonal Antibody

Catalog NumberPA5-33648

Product data sheet

Details		Species Reactivity	
Size	50 µg	Species reactivity	Bovine, Hamster, Human, Mouse, Non-human primate, Pig, Rabbit, Rat
Host/Isotope	Rabbit / IgG		
Class	Polyclonal	Tested Applications	Dilution *
Type	Antibody	Immunohistochemistry (Paraffin) (IHC (P))	12 µg/mL
Immunogen	Synthetic 17 amino acid peptide from 2nd extracellular domain of human GPR153.	* 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, Mouse, Rat, Dog, Bovine, Hamster, Rabbit, Pig (100%) Bat, Elephant, Panda (94%).

Background/Target Information

G protein-coupled receptors (GPRs), also known as seven transmembrane receptors, heptahelical receptors or 7TM receptors, comprise a superfamily of proteins that play a role in many different stimulus-response pathways. G protein coupled receptors translate extracellular signals into intracellular signals (G protein activation) and they respond to a variety of signaling molecules, such as hormones and neurotransmitters. GPR153 (G protein-coupled receptor 153), also known as PGR1, is a 609 amino acid multi-pass membrane protein that functions as an orphan receptor and belongs to the GPR1 family. The gene encoding GPR153 maps to human chromosome 1, which spans 260 million base pairs, contains over 3,000 genes and comprises nearly 8% of the human genome.

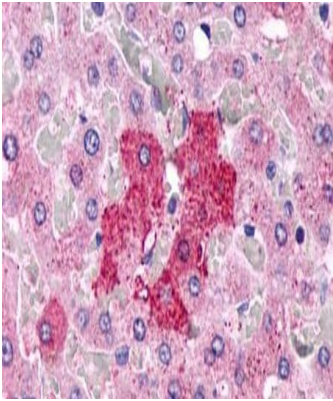
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Product Images For GPR153 Polyclonal Antibody



GPR153 Antibody (PA5-33648) in IHC (P)
Immunohistochemical analysis of formalin-fixed paraffin-embedded human liver, hepatocytes using a PGR1/GPR153 polyclonal antibody (Product # PA5-33648). Heat-induced antigen retrieval was performed prior to staining.

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