

HRH2 Polyclonal Antibody

Catalog NumberPA5-33844

Product data sheet

Details		Species Reactivity	
Size	50 µg	Species reactivity	Human, Non-human primate
Host/Isotope	Rabbit / IgG	Tested Applications	Dilution *
Class	Polyclonal		
Type	Antibody	Immunohistochemistry (Paraffin) (IHC (P))	38 µg/mL
Immunogen	Synthetic 16 amino acid peptide from 3rd cytoplasmic domain of human HRH2 / Histamine H2 Receptor.	* 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, Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey (100%) Mouse, Rat, Hamster (94%).

Background/Target Information

H2 Histamine Receptor stimulates adenylate cyclase activity and leads to the release of acids in the stomach. It is also involved in GI motility and intestinal secretion. Treatments for acid-peptic disorders are based on the inhibition of histamine H2 receptor activity. The 3-untranslated region may be involved in differential expression. Histamine H2 receptor has been reported to be expressed in bone marrow, brain, heart, lymph node, nose, placenta, spinal cord, and stomach. An EST has been isolated from a kidney library.

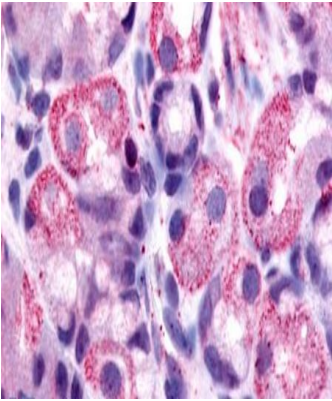
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Product Images For HRH2 Polyclonal Antibody



**HRH2 Antibody (PA5-33844) in IHC (P)**  
Immunohistochemical analysis of formalin-fixed paraffin-embedded human stomach, parietal cells using a HRH2 polyclonal antibody (Product # PA5-33844). Heat-induced antigen retrieval was performed prior to staining.

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