

HRH3 Polyclonal Antibody

Catalog NumberPA5-33848

Product data sheet

Details		Species Reactivity	
Size	50 µg	Species reactivity	Human
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Immunohistochemistry (Paraffin) (IHC (P))	18-36 µg/mL
Type	Antibody	Immunocytochemistry (ICC/IF)	Assay-dependent
Immunogen	Synthetic 16 amino acid peptide from 3rd cytoplasmic domain of human HRH3 / Histamine H3 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		
Storage Conditions	Maintain refrigerated at 2-8°C for up to 1 month. For long term storage store at -20°C		

Product specific information

Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey (100%).

Background/Target Information

H3 Histamine Receptor regulates the release of the neurotransmitters norepinephrine and somatostatin. In histamine-containing neurons of the brain, the H3 receptor acts as a presynaptic autoreceptor, while in nonhistamine-containing neurons, in both the central and peripheral nervous systems, it acts as a presynaptic heteroreceptor. Multiple isoforms of H3 receptors are produced by alternative splicing. Histamine H3 receptor has been reported primarily in brain. ESTs have been isolated from brain (normal and cancer), breast cancer, colon cancer, and retinoblastoma libraries.

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