

B1 Bradykinin Receptor Polyclonal Antibody

Catalog NumberPA5-33359

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))	20 µg/mL
Immunogen	Synthetic 18 amino acid peptide from 2nd extracellular domain of human BDKRB1.	* 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 (100%) Gibbon (94%) Rat, Hamster (89%) Mouse, Rabbit, Horse (83%).

Background/Target Information

Bradykinin, a 9 aa peptide, is generated in pathophysiologic conditions such as inflammation, trauma, burns, shock, and allergy. Two types of G-protein coupled receptors have been found which bind bradykinin and mediate responses to these pathophysiologic conditions. The protein encoded by this gene is one of these receptors and is synthesized de novo following tissue injury. Receptor binding leads to an increase in the cytosolic calcium ion concentration, ultimately resulting in chronic and acute inflammatory responses.

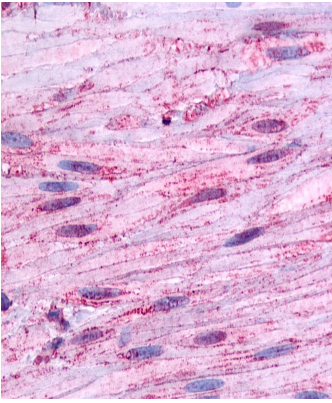
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Product Images For B1 Bradykinin Receptor Polyclonal Antibody



B1 Bradykinin Receptor Antibody (PA5-33359) in IHC (P)
Immunohistochemistry analysis of B1 Bradykinin Receptor in human smooth muscle. Samples were incubated with B1 Bradykinin Receptor polyclonal antibody (Product # PA5-33359). Formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

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