

P2X7 Polyclonal Antibody

Catalog NumberPA5-34068

Product data sheet

Details		Species Reactivity	
Size	50 µg	Species reactivity	Human, Non-human primate
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Immunohistochemistry (Paraffin) (IHC (P))	Dilution * 10-20 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 16 amino acid peptide from internal region of human P2RX7 / P2X7.		
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, Gibbon, Monkey (100%) Marmoset, Pig (88%) Mouse, Horse (81%).

Background/Target Information

The product of this gene belongs to the family of purinoceptors for ATP. This receptor functions as a ligand-gated ion channel and is responsible for ATP-dependent lysis of macrophages through the formation of membrane pores permeable to large molecules. Activation of this nuclear receptor by ATP in the cytoplasm may be a mechanism by which cellular activity can be coupled to changes in gene expression. Multiple alternatively spliced variants have been identified, most of which fit nonsense-mediated decay criteria.

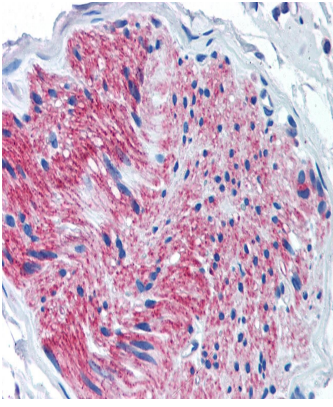
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Product Images For P2X7 Polyclonal Antibody



P2X7 Antibody (PA5-34068) in IHC (P)
Immunohistochemistry analysis of P2X7 in human pancreas, nerve. Samples were incubated with P2X7 polyclonal antibody (Product # PA5-34068). Formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

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