

CHRM3 Polyclonal Antibody

Catalog NumberPA5-32709

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		
Immunogen	Synthetic 20 amino acid peptide from 3rd cytoplasmic domain of human CHRM3 / M3.	ELISA (ELISA)	Assay-dependent
Conjugate	Unconjugated	Immunohistochemistry (Paraffin) (IHC (P))	10 µg/mL
Form	Liquid	* 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.	
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, Marmoset (100%); Mouse, Rat, Sheep, Bovine, Hamster, Elephant, Horse, Rabbit, Pig (95%); Dog, Opossum (90%); Lizard (85%); Panda, Guinea pig (80%). For IHC(P), use heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen.

Background/Target Information

The muscarinic cholinergic receptors belong to a larger family of G protein-coupled receptors. The functional diversity of these receptors is defined by the binding of acetylcholine and includes cellular responses such as adenylate cyclase inhibition, phosphoinositide degeneration, and potassium channel mediation. Muscarinic receptors influence many effects of acetylcholine in the central and peripheral nervous system. The muscarinic cholinergic receptor 3 controls smooth muscle contraction and its stimulation causes secretion of glandular tissue.

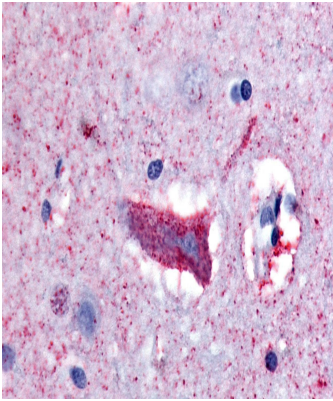
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Product Images For CHRM3 Polyclonal Antibody



CHRM3 Antibody (PA5-32709) in IHC (P)
Immunohistochemistry analysis of CHRM3 in human brain, cortex. Samples were incubated with CHRM3 polyclonal antibody (Product # PA5-32709). Formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

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