

Product datasheet for **AP06826PU-N**

Muscarinic Acetylcholine Receptor M3 (CHRM3) (3rd Cytopl. Dom) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC
Recommended Dilution:	ELISA. Immunohistochemistry on Paraffin Sections: 5 µg/ml.
Reactivity:	Human, Mouse, Bovine, Bat, Canine, Equine, Hamster, Monkey, Porcine, Rabbit, Rat, Sheep
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	CHRM3 / M3 antibody was raised against synthetic 16 amino acid peptide from 3rd cytoplasmic domain of Human CHRM3 / M3.
Specificity:	This antibody detects 3rd cytoplasmic domain of Human Muscarinic Acetylcholine Receptor M3 (CHRM3). BLAST analysis of the peptide immunogen showed no homology with other Human proteins.
Formulation:	PBS containing 0.09% Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Immunoaffinity Chromatography
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	cholinergic receptor muscarinic 3
Database Link:	Entrez Gene 1131 Human P20309

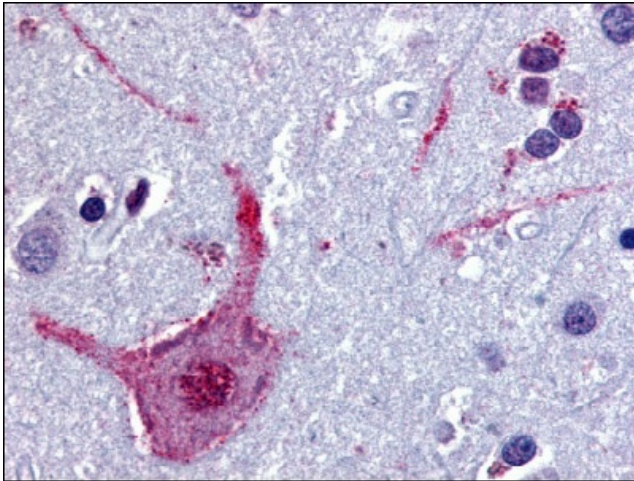


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Background: Muscarinic acetylcholine receptor 3 is an Acetylcholine Receptor that controls smooth muscle contraction by mediating phosphoinositide hydrolysis and Ca^{2+} mobilization. Activation of this receptor causes secretion in glandular tissues. Mouse studies suggest that the M3 receptor may play a role in appetite stimulation and food intake.

Synonyms: CHRM3

Product images:



CHRM3 antibody staining of Formalin-Fixed Paraffin-Embedded Human Brain, cortex at 5 ug/ml followed by biotinylated Goat anti-Rabbit IgG secondary antibody, alkaline phosphatase-streptavidin and chromogen.