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Substance P Rabbit mAb

Catalog # AP78683

Product Information

Application	IHC-P
Primary Accession	P20366
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Immunogen	A synthesized peptide derived from human Substance P
Purification	Affinity Chromatography
Calculated MW	15003

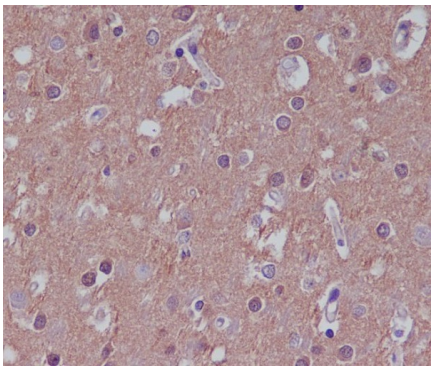
Additional Information

Gene ID	6863
Other Names	TAC1
Dilution	IHC-P~~N/A
Format	Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

Name	TAC1
Synonyms	NKA, NKNA, TAC2
Function	Tachykinins are active peptides which excite neurons, evoke behavioral responses, are potent vasodilators and secretagogues, and contract (directly or indirectly) many smooth muscles. [Neurokinin A]: Is a ligand for TACR2, and triggers G protein-coupled receptor signaling via activation of G(q) and phosphatidylinositol hydrolysis by phospholipase C (PubMed:35882833). Binding to TACR2 also triggers signaling via activation of adenylate cyclase activity which results in increased intracellular levels of cyclic AMP (cAMP).
Cellular Location	Secreted.

Images



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