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Anti-Protachykinin 1 Antibody

Catalog # AP59940

Product Information

Application	WB
Primary Accession	P20366
Reactivity	Human, Mouse, Rat, Rabbit
Host	Rabbit
Clonality	Polyclonal
Calculated MW	15003

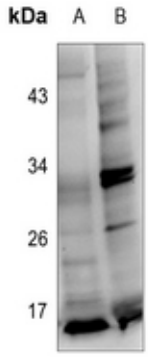
Additional Information

Gene ID	6863
Other Names	NKA; NKNA; TAC2; Protachykinin-1; PPT
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Protachykinin 1. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

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



Western blot analysis of Protachykinin 1 expression in mouse spleen (A), rat spleen (B) whole cell lysates. (Predicted band size: 15 kD; Observed band size: 15 kD)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.