
Substance P Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 250865

Unit: 0.1 mg

Description:

Substance P corresponds to amino acid 58-68 of neurokinin A precursor. Neurokinin A belongs to the tachykinin family, peptides that are potent vasodilators and secretagogues, excite neurons, provoke behavioral responses, and contract smooth muscles. Substance P acts as a neurotransmitter found in brain and spinal cord and is associated with inflammatory responses in the joints by causing pain.

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: H, M, R

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Substance P; Protachykinin-1; PPT; TAC1; NKA; NKNA; TAC2

Accession No.: P20366

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human Substance P.

Application Notes: E: 1:500-1:1,000; WB: 1:200-1:500; IHC: 1:200-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

Product Citations: [1] Bera M et al. 2011. J Immunology. 187(8): 4245-55. PMID# 21918196. [2] Kowtharapu BS et al. 2014. Exp Eye Res. 125: 53-61. PMID 24880142.

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