

Product datasheet

anti-Neurokinin A rabbit polyclonal, serum

Short overview

Cat. No.	16051
Quantity	50 µl (lyoph.)

Product description

Host	Rabbit
Antibody Type	Polyclonal
Immunogen	Neurokinin A/Substance K (Peninsula), conjugated to BSA
Formulation	Lyophilized; reconstitute in 100 µl dist. water
UniprotID	P20366 (Human), P67932 (Guinea pig), I3L881 (Pig), P06767 (Rat)
Synonym	Protachykinin-1, PPT [Cleaved into: Substance P; Neurokinin A, NKA, Neuromedin L, Substance K; Neuropeptide K, NPK; Neuropeptide gamma; C-terminal-flanking peptide], TAC1, NKA, NKNA, TAC2
Conjugate	Unconjugated
Purification	Undiluted antiserum
Storage before reconstitution	2-8°C until indicated expiry date
Storage after reconstitution	Up to 3 months at 2-8°C; long term storage in aliquots at -20°C; avoid freeze/thaw cycles
Intended use	Research use only
Application	IHC
Reactivity	Human, Pig, Rat

Applications

Immunohistochemistry (IHC) - frozen	1:200-1:800
Immunohistochemistry (IHC) - paraffin	1:200-1:800 (microwave treatment recommended)

Background

Neurokinin A/Substance K represents a member of the tachykinin family of peptides. Neurokinin A, which arises by cleavage of the substance P precursor, occurs in neurons in the central and peripheral nervous systems, and is particularly numerous in the gastrointestinal tract. The biological actions of neurokinin A are similar to those of substance P, and include vasodilation and stimulation of smooth muscle contraction. Absorption with 10-100 µg NKA per ml diluted antiserum abolishes the staining, while substance P does not.

Positive control: formalin-fixed paraffin sections of rat colon.

Product images



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