



Polyclonal Antibody to Neurokinin A/Substance K

Category	Rabbit polyclonal
Form/Purification	Prediluted serum (liqu.)
Immunogen	Neurokinin A/Substance K (Peninsula), conjugated to BSA
Description/Specificity	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 vasodilatation 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
Species tested so far	Rat
Application	<ul style="list-style-type: none">• Immunofluorescence• Immunohistochemistry• Suitable for frozen and paraffin sections
Working Dilution	Dilute further in 0.1 M PBS with 1% BSA and 0.1% NaN ₃ : 1:5 - 1:10 (PAP) 1:2- 1:5 (immunofluorescence microscopy) with overnight incubation at 2-8°C.
Storage	At 2-8°C (undiluted) or at -20°C (aliquots)
Quantity / Volume	1 ml (liqu.)
Reference	Lundberg LM. Growth and degeneration of uterine innervation. An experimental study in the guinea pig. Thesis Lund 1988

Cat. No. 16052