

Polyclonal Antibody to Substance P - Serum

Alternate names:	SP, Substance-P
Catalog No.:	SP1228
Quantity:	0.1 ml
Concentration:	n.d.
Host:	Rabbit
Immunogen:	Synthetic Substance P, conjugated to bovine serum albumin
Format:	State: Liquid Purification: None Buffer System: Undiluted liquid antiserum containing 0.09% sodium azide as preservative
Applications:	Immunohistochemistry on paraffin or resin embedded sections (no pretreatment required for paraffin sections) and frozen tissues (dilute > 1:1000). It should be noted that this antigen is susceptible to degradation during tissue processing, and that successful results may only be seen in paraffin sections containing high levels of antigen. Thick (15 µm) frozen sections provide the best material for immunohistochemical analysis of substance P. Histology positive control tissue: Rat/human spinal cord. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Absorption with 20 nmol Substance P, Neurokinin A or B per ml diluted antiserum abolishes the staining. Bombesin has no effect on staining. It is believed that the antiserum reacts with the common C-terminal sequence of the tachykinin family. Species: Human, rat, porcine and guinea pig. Other species not tested.
Storage:	Store the antibody at 2-8°C for one month or at -20°C for longer. Avoid repeated freezing and thawing. Shelf live: One year from despatch.