

AP31320SU-N**Polyclonal Antibody to Substance P - Serum**

Alternate names:	Substance-P
Quantity:	50 µl
Background:	Substance P occurs in nerve fibers of the central and peripheral nervous system and in endocrine cells of the gut. Substance P containing nerve fibers in the gut wall are particularly numerous in the myenteric plexus and the smooth muscle layers. Substance P containing tumors arising in the ileum are often associated with the "carcinoid syndrome", characterized by flushing of the skin, diarrhea, bronchoconstriction and sudden drops in blood pressure. Substance P is commonly found in midgut carcinoids and some of the symptoms may be related to this peptide.
Host:	Rabbit
Immunogen:	Synthetic Substance P coupled to KLH.
Format:	State: Antiserum
Applications:	Immunohistochemistry on Frozen Sections. Immunohistochemistry on Paraffin Sections: 1/50. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody detects of Substance P by Immunohistochemistry. This antibody can be used for the diagnosis of ileum carcinoids.
Species Reactivity:	Tested: Human, Rat.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
Pictures:	Human Colon, Ganglion: Formalin-Fixed, Paraffin-Embedded (FFPE)

