

## Substance-P receptor Polyclonal Antibody

Catalog No: #42508

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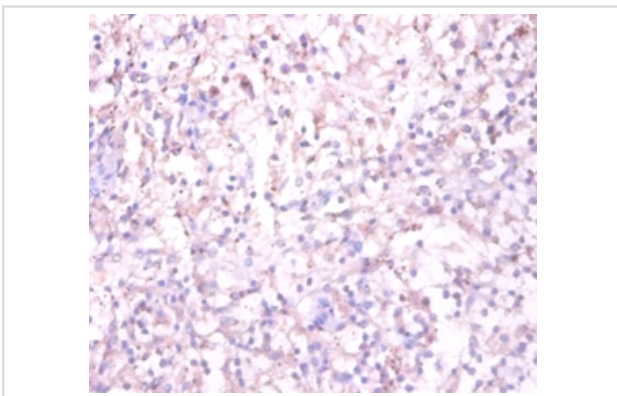
## Description

Product Name	Substance-P receptor Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Substance-P receptor polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant human Substance-P receptor protein
Target Name	Substance-P receptor
Other Names	NK1R, TAC1R, TACR1, NK-1 receptor, NK-1R, Tachykinin receptor 1, SPR
Accession No.	Swiss-Prot#: P25103
Uniprot	P25103
GeneID	6869;
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

## Application Details

Immunohistochemistry: 1:20 - 1:200

## Images



Immunohistochemical analysis of paraffin-embedded human spleen using #42508 at dilution of 1:100 .

## Background

This is a receptor for the tachykinin neuropeptide substance P. It is probably associated with G proteins that activate a phosphatidylinositol-calcium second messenger system. The rank order of affinity of this receptor to tachykinins is: substance P > substance K > neuromedin-K.

## References

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[1] "Molecular cloning, structural characterization and functional expression of the human substance P receptor." Takeda Y., Chou K.B., Takeda J., Sachais B.S., Krause J.E. *Biochem. Biophys. Res. Commun.* 179:1232-1240(1991) [2] "Isolation and characteris

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Note: This product is for in vitro research use only