

Rabbit anti-Human Substance-P receptor Polyclonal Antibody | anti-TACR1 antibody

Rabbit anti-human Substance-P receptor polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA230097	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

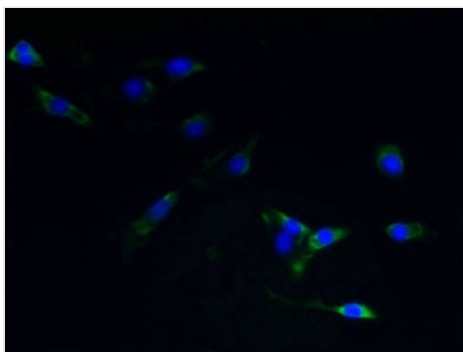
PRODUCT SYNONYMS

Substance-P receptor; Polyclonal Antibody; Rabbit anti-human Substance-P receptor polyclonal Antibody; NK1R; TAC1R; TACR1; NK-1 receptor; NK-1R; Tachykinin receptor 1; SPR; anti-TACR1 antibody

PRODUCT SPECIFICATIONS

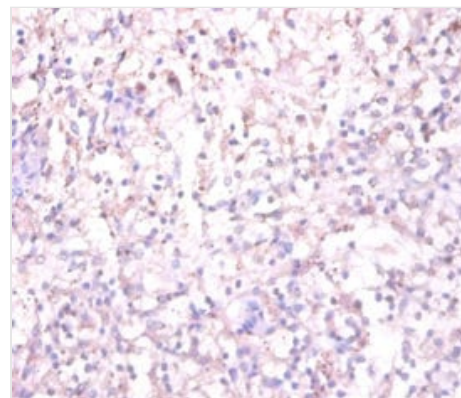
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Form/Format	Liquid
Sequence Length	407
Applicable Applications for anti-TACR1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant human Substance-P receptor protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-14115 / sc-14116 / sc-5220 / sc-5218 / sc-15323
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of NIH3T3 cells using AAA230097 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human spleen using AAA230097 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-TACR1 antibody	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. This gene belongs to a gene family of tachykinin receptors. These tachykinin receptors are characterized by interactions with G proteins and contain seven hydrophobic transmembrane regions. This gene encodes the receptor for the tachykinin substance P, also referred to as neurokinin 1. The encoded protein is also involved in the mediation of phosphatidylinositol metabolism of substance P.
Product Categories/Family for anti-TACR1 antibody	Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507343
NCBI GeneID	6869
NCBI Accession #	NP_001049.1
NCBI GenBank Nucleotide #	NM_001058.3
UniProt Accession #	P25103; A8K150
Molecular Weight	35,713 Da
NCBI Official Full Name	substance-P receptor isoform long
NCBI Official Synonym Full Names	tachykinin receptor 1
NCBI Official Symbol	TACR1
NCBI Official Synonym Symbols	SPR; NK1R; NK1R; TAC1R
NCBI Protein Information	substance-P receptor
UniProt Protein Name	Substance-P receptor
UniProt Gene Name	TACR1
UniProt Synonym Gene Names	NK1R; TAC1R; SPR; NK-1R
UniProt Entry Name	NK1R_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/substance-p-receptor-antibody-immunofluorescence-immunohistochemistry-elisa/230097>