

Rabbit Substance P Polyclonal Antibody | anti-TAC1 antibody

Substance P Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA326307	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

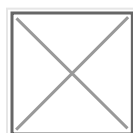
PRODUCT SYNONYMS

Substance P; Polyclonal Antibody; Substance P Antibody; C-terminal-flanking peptide; Hs.2563; neurokinin 1; neurokinin 2; neurokinin A; neurokinin alpha; Neuromedin L; neuropeptide gamma; neuropeptide K; NK2; NKA; NKNA; NPK; PPT; preprotachykinin; protachykinin; protachykinin-1; Substance K; SubstanceP; TAC1; TAC2; formerly; Tachykinin 1; tachykinin 2; Tachykinin precursor 1; tachykinin; precursor 1 (substance K; substance P; neuromedin L; neuropeptide gamma); Tachykinin1; TKN1_HUMAN; anti-TAC1 antibody

PRODUCT SPECIFICATIONS

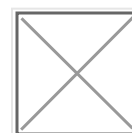
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Substance P antibody detects endogenous levels of total Substance P
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	129
Applicable Applications for anti-TAC1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Substance P, corresponding to a region within N-terminal amino acids.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts of 293, using TAC1 antibody. The lane on the left is treated with the antigen-specific peptide.



WB (Western Blot)

Western blot analysis of extracts from mouse liver, rat liver, using TAC1 Antibody.



IF (Immunofluorescence)

AAA326307 staining HepG2 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



IHC (Immunohistochemistry)

AAA326307 at 1/100 staining Human uterus tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-TAC1 antibody

Description: This gene encodes four products of the tachykinin peptide hormone family, substance P and neurokinin A, as well as the related peptides, neuropeptide K and neuropeptide gamma. These hormones are thought to function as neurotransmitters which interact with nerve receptors and smooth muscle cells. They are known to induce behavioral responses and function as vasodilators and secretagogues. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Similarity: Belongs to the tachykinin family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507341
NCBI GeneID	6863
NCBI Accession #	NP_003173.1
NCBI GenBank Nucleotide #	NM_003182.2
UniProt Accession #	P20366 ; O60600 ; O60601 ; Q00072 ; Q53GH4 ; Q549V0 ; Q549V1 ; Q549V2 ; Q6FHM1
Molecular Weight	15 kDa
NCBI Official Full Name	protachykinin-1 isoform beta
NCBI Official Synonym Full Names	tachykinin precursor 1
NCBI Official Symbol	TAC1
NCBI Official Synonym Symbols	NK2; NPK; NKNA; TAC2; Hs.2563
NCBI Protein Information	protachykinin-1
UniProt Protein Name	Protachykinin-1
UniProt Gene Name	TAC1
UniProt Synonym Gene Names	NKA; NKNA; TAC2; NKA; NPK

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-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/326307>