

Rabbit TACR1 / NK1R Polyclonal Antibody | anti-TACR1 antibody

Rabbit Polyclonal to Human TACR1 / NK1R

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51213	Rabbit	Gibbon, Bovine, Dog, Gorilla, Human, Monkey Predicted Reactivity: Rabbit (at least 90% immunogen sequence identity)	Immunohistochemistry

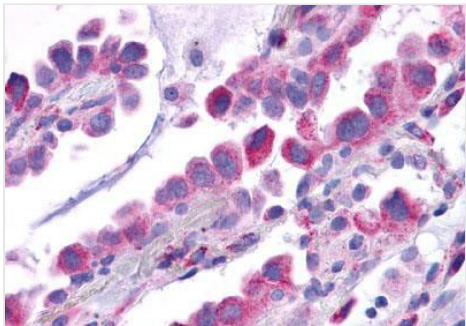
PRODUCT SYNONYMS

TACR1 / NK1R; Polyclonal Antibody; Rabbit Polyclonal to Human TACR1 / NK1R; Anti-TACR1 / NK1R Antibody (Extracellular Domain) IHC-plus; TACR1; Neurokinin receptor 1; NK-1R; Nk1 tachykinin receptor; NK1R; TAC1R; Tachykinin 1 receptor; NK1R; Substance-P receptor; Neurokinin 1 receptor; NK-1 receptor; Tachykinin receptor 1; Human TACR1; anti-TACR1 antibody

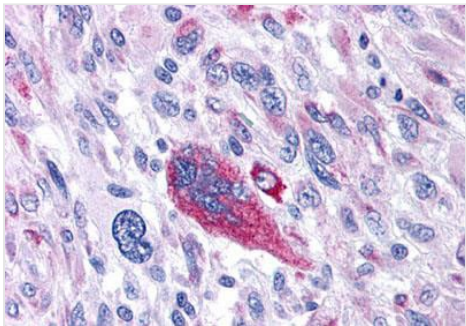
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Gibbon, Bovine, Dog, Gorilla, Human, Monkey Predicted Reactivity: Rabbit (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human Neurokinin 1 Receptor. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	407
Applicable Applications for anti-TACR1 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 16 amino acid peptide from 2nd extracellular domain of human Neurokinin 1 Receptor. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Bovine, Dog (100%); Rabbit (94%); Elephant, Horse.
Immunogen Type	Synthetic peptide
Immunogen	TACR1 / NK1R antibody was raised against synthetic 16 amino acid peptide from 2nd extracellular domain of human Neurokinin 1 Receptor. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Bovine, Dog (100%); Rabbit (94%); Elephant, Horse, Guinea pig (88%); Mouse, Rat, Hamster, Opossum (81%).
Antigen Modification	Extracellular Domain
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

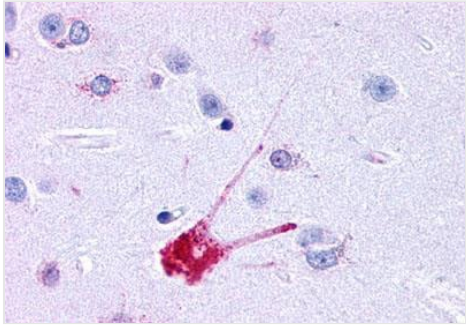
IMAGES



IHC (Immunohistochemistry)
Anti-TACR1 / NK1R antibody IHC of human Lung, Adenocarcinoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-TACR1 / NK1R antibody IHC of human Brain, Glioblastoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-Neurokinin 1 Receptor antibody IHC of human brain, neurons and glia. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-TACR1 antibody	Tachykinin Receptor 1, a member of the Tachykinin Receptor subfamily, is involved in the mediation of phosphatidylinositol metabolism by the tachykinin substance P, also referred to as neurokinin 1. It is associated with the management of depression, anxiety, and stress. It is also involved in regulating behavioral responses, neuronal survival, and cardiovascular and respiratory functions. The tachykinin receptor 1 is implicated in the progression of rheumatoid arthritis and osteoarthritis.
Product Categories/Family for anti-TACR1 antibody	Family: GPCR; Subfamily: Tachykinin

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; NKIR; TAC1R

NCBI Protein Information	substance-P receptor; NK-1R; NK-1 receptor; tachykinin receptor 1 (substance P receptor; neurokinin-1 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/tacr1-nk1r-antibody-immunohistochemistry-elisa/51213>