

Rabbit TACR2 / Nk2 / NK2R Polyclonal Antibody | anti-TACR2 antibody

Rabbit Polyclonal to Human TACR2 / Nk2 / NK2R

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51373	Rabbit	Gorilla, Human Predicted Reactivity: Gibbon, Monkey (at least 90% immunogen sequence identity)	Immunohistochemistry

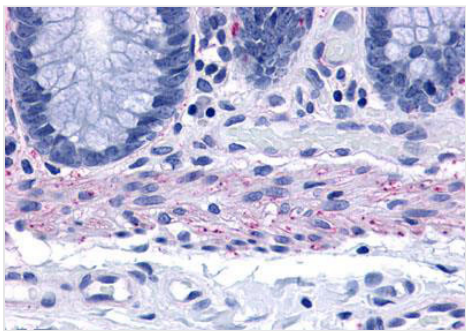
PRODUCT SYNONYMS

TACR2 / Nk2 / NK2R; Polyclonal Antibody; Rabbit Polyclonal to Human TACR2 / Nk2 / NK2R; Anti-TACR2 / Nk2 / NK2R Antibody (C-Terminus) IHC-plus; TACR2; Neurokinin 2 receptor; NK-2 receptor; Neurokinin A receptor; NK2; NK2R; Tachykinin receptor 2; Substance-K receptor; NK-2R; SK receptor; SKR; TAC2R; NKNAR; Substance K receptor; Human TACR2; Nk2; anti-TACR2 antibody

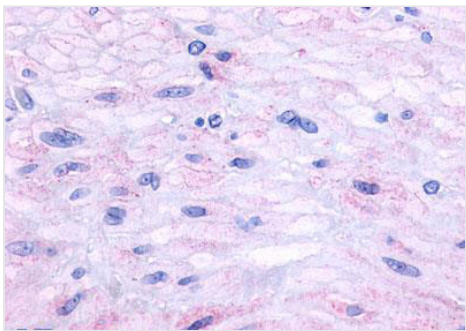
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Gorilla, Human Predicted Reactivity: Gibbon, Monkey (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human Neurokinin A 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	398
Applicable Applications for anti-TACR2 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 20 amino acid peptide from C-terminus of human Neurokinin A Receptor. Percent identity with other species by BLAST analysis: Human, Gorilla (100%); Gibbon (95%); Marmoset (90%); Monkey (85%); Bovine, Rabbit (80%).
Immunogen Type	Synthetic peptide
Immunogen	TACR2 / Nk2 / NK2R antibody was raised against synthetic 20 amino acid peptide from C-terminus of human Neurokinin A Receptor. Percent identity with other species by BLAST analysis: Human, Gorilla (100%); Gibbon (95%); Marmoset (90%); Monkey (85%); Bovine, Rabbit (80%).
Antigen Modification	C-Terminus
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)
Anti-TACR2 / NK2 / NK2R antibody IHC of human colon. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-Neurokinin A Receptor antibody IHC of human small intestine, muscularis propria. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-TACR2 antibody	NK2R is a Tachykinin Receptor activated by the neuropeptide substance K, also referred to as neurokinin A. It mediates smooth muscle contraction in central airway and may contribute to the development of asthma.
Product Categories/Family for anti-TACR2 antibody	Family: GPCR; Subfamily: Tachykinin

NCBI AND UNIPROT INFORMATION

NCBI GI #	157426873
NCBI GeneID	6865
NCBI Accession #	NP_001048.2
NCBI GenBank Nucleotide #	NM_001057.2
UniProt Accession #	P21452; Q4QRI5; Q8NGQ8; Q9UDE6; Q9UDE7; A8K7I1
Molecular Weight	44,442 Da
NCBI Official Full Name	substance-K receptor
NCBI Official Synonym Full Names	tachykinin receptor 2
NCBI Official Symbol	TACR2
NCBI Official Synonym Symbols	SKR; NK2R; NKNAR; TAC2R
NCBI Protein Information	substance-K receptor; NK-2R; NK-2 receptor; substance K receptor; neurokinin 2 receptor; neurokinin A receptor; seven transmembrane helix receptor
UniProt Protein Name	Substance-K receptor
UniProt Gene Name	TACR2
UniProt Synonym Gene Names	NK2R; NKNAR; TAC2R; SKR; NK-2R
UniProt Entry Name	NK2R_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.