

Rabbit NK1R Polyclonal Antibody | anti-NK1R antibody

NK1R Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325600	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

NK1R; Polyclonal Antibody; NK1R Antibody; Neurokinin 1; NK 1 receptor; NK 1R; NK-1 receptor; NK-1R; NK1 receptor; NK1R_HUMAN; NKIR; SPR; Substance P receptor; Substance-P receptor; TAC 1R; TAC1R; Tachykinin 1 receptor (substance P receptor neurokinin 1 receptor); Tachykinin receptor 1 (substance P receptor neurokinin 1 receptor); Tachykinin receptor 1; TACR1; anti-NK1R antibody

PRODUCT SPECIFICATIONS

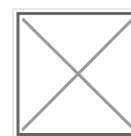
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	NK1R Antibody detects endogenous levels of total NK1R.
Purity/Purification	Peptide affinity purification
Form/Format	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-NK1R antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human NK1R, corresponding to a region within the internal amino acids.
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.

IMAGES



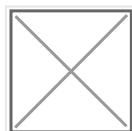
WB (Western Blot)

Western blot analysis of extracts from 293, HepG2, rat brain and mouse lung, using NK1R Antibody.



IHC (Immunohistochemistry)

AAA325600 at 1/100 staining Mouse testis 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 primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IF (Immunofluorescence)

AAA325600 staining A549 cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab (AAA325600) and mouse anti-beta tubulin Ab for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-NK1R antibody	Function: 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. Subunit Structure: Interacts with ARRB1. Similarity: Belongs to the G-protein coupled receptor 1 family.
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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	50 KD
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
UniProt Protein Name	Substance-P receptor
UniProt Gene Name	TACR1
UniProt Synonym Gene Names	NK1R; TAC1R; SPR; NK-1R

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/nk1r-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/325600>