

Rabbit NK3R Polyclonal Antibody | anti-NK3R antibody

NK3R Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325601	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

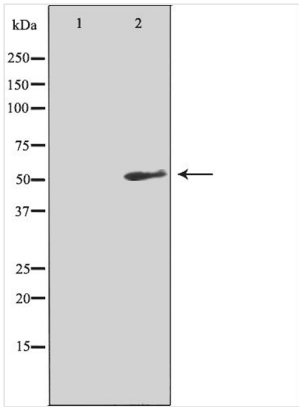
PRODUCT SYNONYMS

NK3R; Polyclonal Antibody; NK3R Antibody; MGC148060; MGC148061; Neurokinin B receptor; Neurokinin beta receptor; Neuromedin K Receptor; Neuromedin-K receptor; NK 3 receptor; NK 3R; NK-3 receptor; NK-3R; NK3 receptor; NK3R_HUMAN; NKR; TAC 3R; TAC3R; TAC3RL; Tachykinin receptor 3; TACR 3; Tacr3; anti-NK3R antibody

PRODUCT SPECIFICATIONS

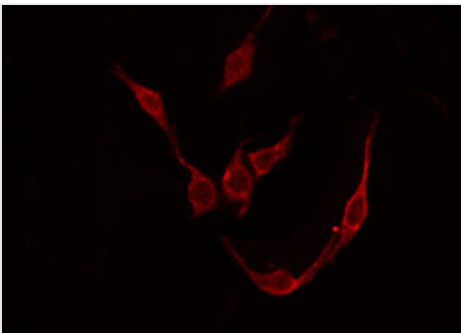
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	NK3R antibody detects endogenous levels of total NK3R
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	465
Applicable Applications for anti-NK3R antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cell Membrane
Conjugation	Unconjugated
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 from COLO205 cells, using NK3R antibody. The lane on the left is treated with the antigen-specific peptide.



IF (Immunofluorescence)

AAA325601 staining COLO205 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) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-NK3R antibody

Function: This is a receptor for the tachykinin neuropeptide neuromedin-K (neurokinin B). It is associated with G proteins that activate a phosphatidylinositol-calcium second messenger system. The rank order of affinity of this receptor to tachykinins is: neuromedin-K > substance K > substance P.

Post-translational Modifications: The anchoring of this receptor to the plasma membrane is probably mediated by the palmitoylation of a cysteine residue.

Similarity: Belongs to the G-protein coupled receptor 1 family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7669548
NCBI GeneID	6870
NCBI Accession #	NP_001050.1
NCBI GenBank Nucleotide #	NM_001059.2
UniProt Accession #	P29371; Q0P510
Molecular Weight	Observed: 52 kD Predicted: 53 kDa
NCBI Official Full Name	neuromedin-K receptor
NCBI Official Synonym Full Names	tachykinin receptor 3
NCBI Official Symbol	TACR3
NCBI Official Synonym Symbols	NK3; NKR; HH11; NK3R; NK-3R; TAC3R; TAC3RL
NCBI Protein Information	neuromedin-K receptor
UniProt Protein Name	Neuromedin-K receptor
UniProt Gene Name	TACR3
UniProt Synonym Gene Names	NK3R; TAC3R; NKR; NK-3R

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.