ARG24108
anti-TACR3 / NK3R antibody

Package: 50 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes TACR3 / NK3R
Tested Reactivity	Hu, Ms
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	TACR3 / NK3R
Species	Human
Immunogen	Peptide from Human TACR3.
Conjugation	Un-conjugated
Alternate Names	Neurokinin B receptor; NK-3 receptor; NK3R; Tachykinin receptor 3; NKR; HH11; TAC3RL; NK-3R; Neuromedin-K receptor

Application Instructions

Application table

Application	Dilution
IHC-P	1:100
WB	1:1000

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Observed Size: 52 kDa

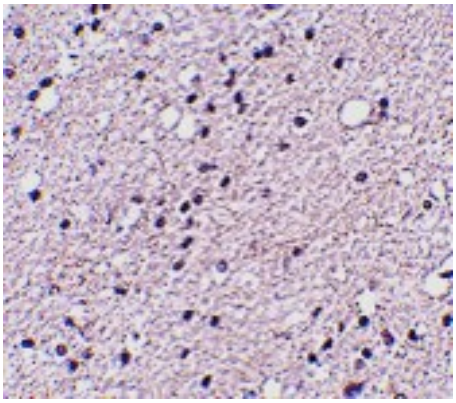
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS with 0.02% Sodium azide.
Preservative	0.02% Sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

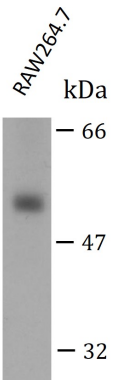
Gene Symbol	TACR3
Gene Full Name	tachykinin receptor 3
Background	This gene belongs to a family of genes that function as receptors for tachykinins. Receptor affinities are specified by variations in the 5'-end of the sequence. The receptors belonging to this family are characterized by interactions with G proteins and 7 hydrophobic transmembrane regions. This gene encodes the receptor for the tachykinin neurokinin 3, also referred to as neurokinin B. [provided by RefSeq, Jul 2008]
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. [UniProt]
Calculated Mw	52 kDa
PTM	The anchoring of this receptor to the plasma membrane is probably mediated by the palmitoylation of a cysteine residue. [UniProt]
Cellular Localization	Cell membrane; Multi-pass membrane protein. [UniProt]

Images



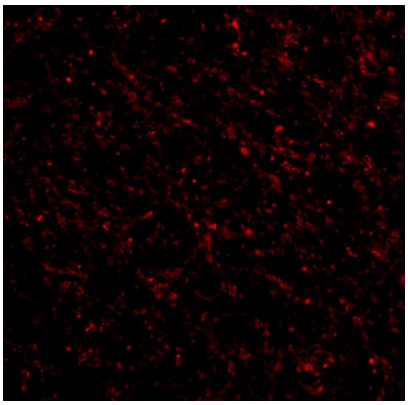
ARG24108 anti-TACR3 / NK3R antibody IHC-P

Immunohistochemistry: Human brain tissue stained with ARG24108 anti-TACR3 / NK3R antibody at 1:100 dilution.image



ARG24108 anti-TACR3 / NK3R antibody WB image

Western blot: RAW264.7 cell stained with ARG24108 anti-TACR3 / NK3R antibody at 1:1000 dilution.



ARG24108 anti-TACR3 / NK3R antibody IHC image

Immunofluorescence: Human Brain tissue stained with ARG24108 anti-TACR3 / NK3R antibody at 1:25 dilution.