

ARG41548 anti-TACR1 / Neurokinin 1 Receptor antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes TACR1 / Neurokinin 1 Receptor
Tested Reactivity	Hu, Ms, Rat
Tested Application	IP, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	TACR1 / Neurokinin 1 Receptor
Species	Human
Immunogen	Synthetic peptide of Human TACR1 / Neurokinin 1 Receptor.
Conjugation	Un-conjugated
Alternate Names	NK1R; NK-1 receptor; NK-1R; NK1R; SPR; TAC1R; Tachykinin receptor 1; Substance-P receptor

Application Instructions

Application table	Application	Dilution
	IP	1:50
	WB	1:1000 - 1:5000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	K562	
Observed Size	~ 48 kDa	

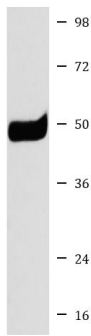
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.4), 150 mM NaCl, 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
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	TACR1
Gene Full Name	tachykinin receptor 1
Background	This gene belongs to a gene family of tachykinin receptors. These tachykinin receptors are characterized by interactions with G proteins and contain seven hydrophobic transmembrane regions. This gene encodes the receptor for the tachykinin substance P, also referred to as neurokinin 1. The encoded protein is also involved in the mediation of phosphatidylinositol metabolism of substance P. [provided by RefSeq, Sep 2008]
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. [UniProt]
Calculated Mw	46 kDa
Cellular Localization	Cell membrane; Multi-pass membrane protein. [UniProt]

Images



K562

ARG41548 anti-TACR1 / Neurokinin 1 Receptor antibody WB image

Western blot: K562 cell lysate stained with ARG41548 anti-TACR1 / Neurokinin 1 Receptor antibody.