

ARG64679
anti-Trpv 2 antibodyPackage: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes Trpv 2
Tested Reactivity	Ms
Predict Reactivity	Rat
Tested Application	ICC/IF
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	Trpv 2
Species	Mouse
Immunogen	C-SEEDHLPLQVLQSH
Conjugation	Un-conjugated
Alternate Names	VRL1; OTRPC2; VRL; Vanilloid receptor-like protein 1; Trpv2; Transient receptor potential cation channel subfamily V member 2; Osm-9-like TRP channel 2; VRL-1

Application Instructions

Application table	Application	Dilution
	ICC/IF	10 µg/ml

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

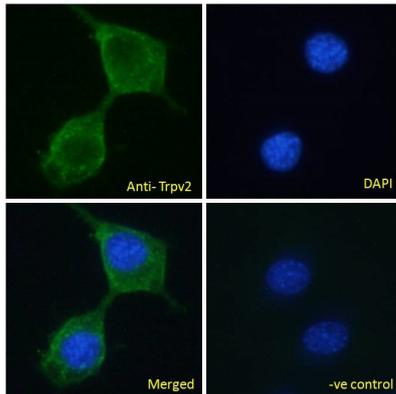
Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
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 or below. 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

Database links	GeneID: 22368 Mouse Swiss-port # Q9WTR1 Mouse
Gene Symbol	Trpv2
Gene Full Name	transient receptor potential cation channel, subfamily V, member 2
Background	This gene encodes an ion channel that is activated by high temperatures above 52 degrees Celsius. The protein may be involved in transduction of high-temperature heat responses in sensory ganglia. It is thought that in other tissues the channel may be activated by stimuli other than heat. [provided by RefSeq, Jul 2008]
Function	Calcium-permeable, non-selective cation channel with an outward rectification. Seems to be regulated, at least in part, by IGF-I, PDGF and neuropeptide head activator. May transduce physical stimuli in mast cells. Activated by temperatures higher than 52 degrees Celsius; is not activated by vanilloids and acidic pH. [UniProt]
Research Area	Neuroscience antibody
Calculated Mw	86 kDa
PTM	N-glycosylated. Phosphorylated by PKA.

Images



ARG64679 anti-Trpv 2 antibody ICC/IF image

Immunofluorescence: Paraformaldehyde fixed NIH/3T3 cells permeabilized with 0.15% Triton. Cells were stained with ARG64679 anti-Trpv 2 antibody (green) at 10 µg/ml dilution for 1 hour. DAPI (blue) for nuclear staining. Negative control: Unimmunized goat IgG (green) at 10 µg/ml dilution.