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anti-TRPV2 antibody (C-Term)

Images



Overview

Quantity:	100 μg
Target:	TRPV2
Binding Specificity:	C-Term
Reactivity:	Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This TRPV2 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF)

Product Details

Purpose:	Trpv2 (mouse)
Immunogen:	Peptide with sequence C-SEEDHLPLQVLQSH, from the C Terminus of the protein sequence according to NP_035836.2.
Sequence:	SEEDHLPLQV LQSH
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

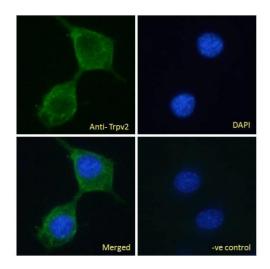
Target:	TRPV2
Alternative Name:	TRPV2 (TRPV2 Products)
Background:	Trpv2, transient receptor potential cation channel, subfamily V, member 2, RP23-234K24.7, GRC, OTRPC2, VRL-1, Vrl1, vanilloid receptor-like protein 1
Gene ID:	22368, 29465
NCBI Accession:	NP_035836
Pathways:	Regulation of Cell Size

Application Details

Application Notes:	Peptide ELISA: antibody detection limit dilution 1:4000.
Comment:	Immunofluorescence: Expression of the protein seen in the plasma membrane and cytoplasm
	of NIH3T3 cells. Recommended concentration: 10µg/ml.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.





Immunofluorescence

Image 1. ABIN334519 Immunofluorescence analysis of paraformaldehyde fixed NIH3T3 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing plasma membrane and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).

Image 2. ABIN334519 (2 ug/ml) staining of Rat Brain lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.