

### **International Office**

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# EB08812 - Goat Anti-Trpv2 (mouse) Antibody

Size: 100µg specific antibody in 200µl



## **Target Protein**

**Principal Names:** Trpv2, transient receptor potential cation channel, subfamily V, member 2, RP23-234K24.7, GRC, OTRPC2, VRL-1, Vrl1, vanilloid receptor-like protein 1

Official Symbol: TRPV2

Accession Number(s): NP\_035836.2

Non-Human GenelD(s): 22368 (mouse), 29465 (rat)

## **Immunogen**

Peptide with sequence C-SEEDHLPLQVLQSH, from the C Terminus of the protein sequence according to NP\_035836.2.

Please note the peptide is available for sale.

## **Purification and Storage**

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

## **Applications Tested**

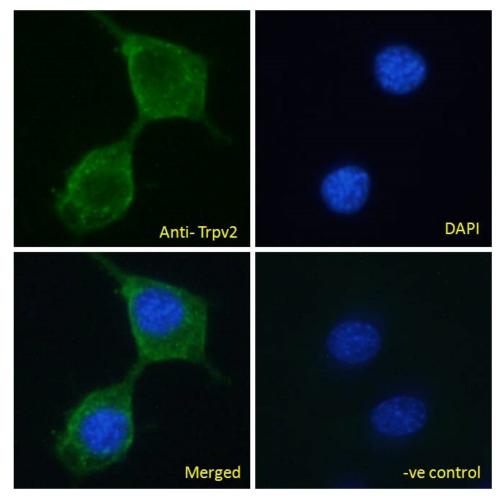
Peptide ELISA: antibody detection limit dilution 1:4000.

**Immunofluorescence:** Expression of the protein seen in the plasma membrane and cytoplasm of NIH3T3 cells. Recommended concentration: 10µg/ml.

# **Species Reactivity**

Tested: Mouse

Expected from sequence similarity: Mouse, Rat



EB08812 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).