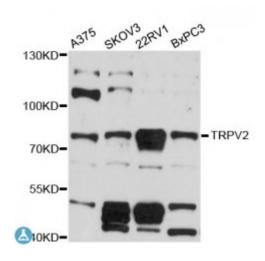


Anti-TRPV2 Antibody



Description 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.

Model STJ114245

Host Rabbit

Reactivity Human

Applications WB

Immunogen Recombinant fusion protein containing a sequence corresponding to amino

acids 655-764 of human TRPV2 (NP_057197.2).

Gene ID 51393

Gene Symbol TRPV2

Dilution range WB 1:500 - 1:2000

Purification Affinity purification

Note For Research Use Only (RUO).

Protein Name Transient receptor potential cation channel subfamily V member 2 TrpV2

Osm-9-like TRP channel 2 OTRPC2 Vanilloid receptor-like protein 1 VRL-1

Molecular Weight 85.981 kDa

Clonality Polyclonal

Conjugation Unconjugated

Isotype IgG

Formulation PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Storage Instruction Store at -20C. Avoid freeze / thaw cycles.

Database Links <u>HGNC:18082OMIM:606676Reactome:R-HSA-3295583</u>

Alternative Names Transient receptor potential cation channel subfamily V member 2 TrpV2

Osm-9-like TRP channel 2 OTRPC2 Vanilloid receptor-like protein 1 VRL-1

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

Cellular Localization Cell membrane,

Post-translational Modifications

N-glycosylated,

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