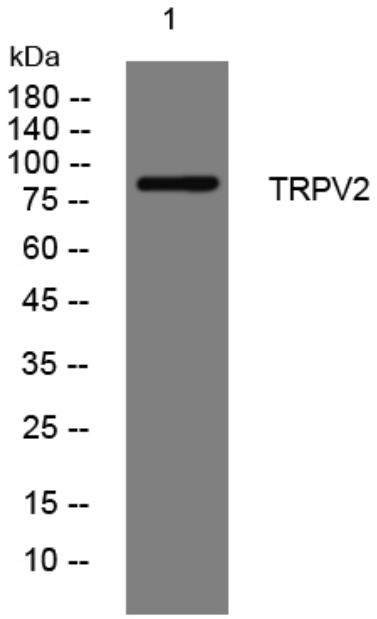
TRPV2 rabbit pAb

Catalog No	YP-Ab-08190
Isotype	IgG
Reactivity	Human; Mouse;Rat
Applications	WB; IF;IP
Gene Name	TRPV2 VRL
Protein Name	TRPV2
Immunogen	Synthesized peptide derived from human TRPV2 AA range: 493-543
Specificity	This antibody detects endogenous levels of TRPV2 at Human/Mouse/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.305% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:500-2000; IF/ICC 1:100-500;IP 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Transient receptor potential cation channel subfamily V member 2 (TrpV2) (Osm-9-like TRP channel 2) (OTRPC2) (Vanilloid receptor-like protein 1) (VRL-1)
Observed Band	85kD
Cell Pathway	Cell membrane ; Multi-pass membrane protein . Cytoplasm . Melanosome . Translocates from the cytoplasm to the plasma membrane upon ligand stimulation (By similarity). Identified by mass spectrometry in melanosome fractions from stage I to stage IV. .
Tissue Specificity	Brain,Lymphoblast,Skin,
Function	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.,PTM:N-glycosylated.,PTM:Phosphorylated by PKA.,similarity:Belongs to the transient receptor family. TrpV subfamily.,similarity:Contains 6 ANK repeats.,subcellular location:Translocates from the cytoplasm to the plasma membrane upon ligand stimulation (By similarity). Identified by mass spectrometry in melanosome fractions from stage I to stage IV.,subunit:Homotetramer (Probable). Interacts with a cAMP-dependent protein kinase type II regulatory subunit (PRKAR2A or PRKAR2B) and ACBD3. Interacts with RGA.,

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],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from VEC cells, primary antibody was diluted at 1:1000, 4°over night