

## TRPV4 rabbit pAb antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (Da):
A22923	Rabbit	1 mg/ml	98281

<b>Applications</b>	WB,ELISA
<b>Reactivity</b>	Human,Mouse,Rat
<b>Dilution</b>	WB 1:500-2000, ELISA 1:10000-20000
<b>Storage</b>	-20°C/1 year
<b>Specificity</b>	The antibody detects endogenous TRPV4 protein
<b>Source / Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from the Internal region of human TRPV4. AA range:461-510
<b>Uniprot No</b>	Q9HBA0
<b>Alternative names</b>	TRPV4 VRL2 VROAC
<b>Form</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Conjugation</b>	
<b>Background</b>	transient receptor potential cation channel subfamily V member 4(TRPV4) Homo sapiens This gene encodes a member of the OSM9-like transient receptor potential channel (OTRPC) subfamily in the transient receptor potential (TRP) superfamily of ion channels. The encoded protein is a Ca <sup>2+</sup> -permeable, nonselective cation channel that is thought to be involved in the regulation of systemic osmotic pressure. Mutations in this gene are the cause of spondylometaphyseal and metatropic dysplasia and hereditary motor and sensory neuropathy type IIC. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Apr 2010],
<b>Other</b>	TRPV4 VRL2 VROAC, transient receptor potential cation channel, subfamily V, member 4

### Product Images:

**Application Key:**

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry CHIP-Chromatin Immunoprecipitation  
IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

**Species Cross-Reactivity Key:**

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster  
X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All  
Species Expected

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*For life science research only. Not for use in diagnostic procedures.*

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