

Anti-TRPV4 antibody

Cat. No.	ml121376
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-TRPV4 rabbit polyclonal antibody
Applications	ELISA, IHC
Immunogen	Fusion protein of human TRPV4
Reactivity	Human, Mouse, Rat
Content	0.2 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	TRPV4
Full name	transient receptor potential cation channel, subfamily V, member 4
Synonyms	SMAL; VRL2; CMT2C; SPSMA; TRP12; VROAC; HMSN2C; OTRPC4; SSQTL1
Swissprot	Q9HBA0

Target Background

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 Ca²⁺-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.

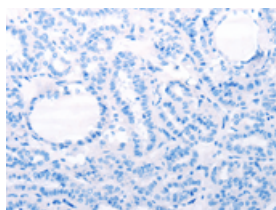
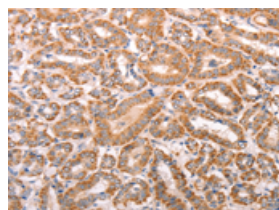
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human thyroid cancer

Recommended dilution: 50-200

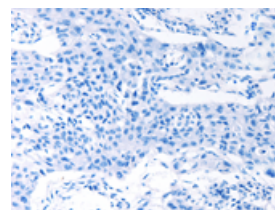
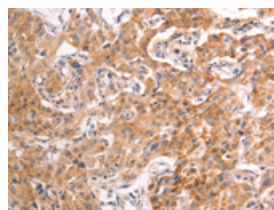


The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ml121376(TRPV4 Antibody) at dilution 1/40, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Predicted cell location: Cytoplasm

Positive control: Human liver cancer

Recommended dilution: 50-200



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml121376(TRPV4 Antibody) at dilution 1/40, on the right is treated with fusion protein. (Original magnification: $\times 200$)

ELISA

Recommended dilution: 2000-10000

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