

TRPV4 Polyclonal Antibody

Catalog Number:E-AB-10664

Note: Centrifuge before opening to ensure complete recovery of vial contents.

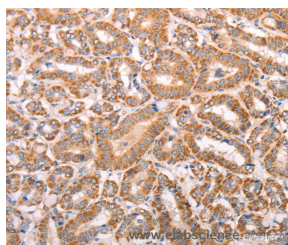
Description

Reactivity	Human,Mouse,Rat
Immunogen	Recombinant protein of human TRPV4
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.05% sodium azide and 50% glycerol, PH7.4

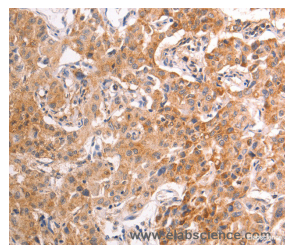
Applications Recommended Dilution

IHC	1:50-1:200
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Data



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TRPV4 Polyclonal Antibody at dilution 1:40



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TRPV4 Polyclonal Antibody at dilution 1:40

Preparation & Storage

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

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