

TRPM5 Polyclonal Antibody

Catalog Number:E-AB-12915

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

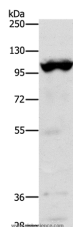
Description

Reactivity	Human,Mouse
Immunogen	Synthetic peptide of human TRPM5
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.05% sodium azide and 50% glycerol, PH7.4

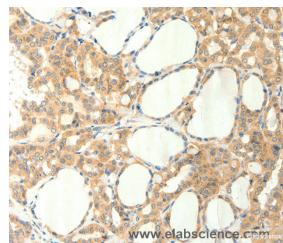
Applications Recommended Dilution

WB	1:500-1:2000
IHC	1:50-1:200

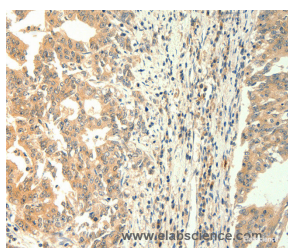
Data



Western Blot analysis of Mouse heart tissue using TRPM5 Polyclonal Antibody at dilution of 1:1200
Calculated Mw:131kDa



Immunohistochemistry of paraffin-embedded Human thyroid cancer using TRPM5 Polyclonal Antibody at dilution of 1:60



Immunohistochemistry of paraffin-embedded Human gastric cancer using TRPM5 Polyclonal Antibody at dilution of 1:60

Preparation & Storage

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

Background

This gene encodes a member of the transient receptor potential (TRP) protein family, which is a diverse group of proteins with structural features typical of ion channels. This protein plays an important role in taste transduction, and has characteristics of a calcium-activated, non-selective cation channel that carries Na⁺, K⁺, and Cs⁺ ions equally well, but not Ca(2⁺) ions. It is activated by lower concentrations of intracellular Ca(2⁺), and inhibited by higher concentrations. It

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is also a highly temperature-sensitive, heat activated channel showing a steep increase of inward currents at temperatures between 15 and 35 degrees Celsius. This gene is located within the Beckwith-Wiedemann syndrome critical region-1 on chromosome 11p15.5, and has been shown to be imprinted, with exclusive expression from the paternal allele.

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