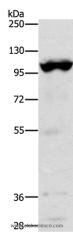


## TRPM5 Polyclonal Antibody

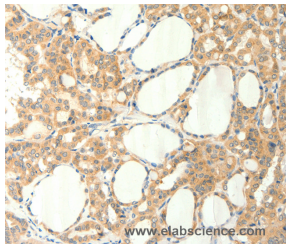
<b>Catalog No.</b>	E-AB-12915	<b>Reactivity</b>	H,M
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles.	<b>Host</b>	Rabbit
<b>Applications</b>	WB,IHC,ELISA	<b>Isotype</b>	IgG

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

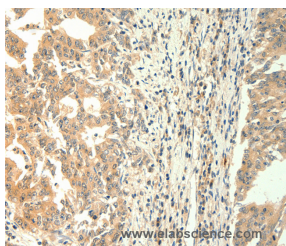
### Images



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



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

### Immunogen Information

<b>Immunogen</b>	Synthetic peptide of human TRPM5
<b>Gene Accession</b>	NP_055370
<b>Swissprot</b>	Q9NZQ8
<b>Synonyms</b>	MTR1,LTRPC5

### Product Information

<b>Calculated MW</b>	131kDa
<b>Buffer</b>	PBS with 0.05% sodium azide and 50% glycerol, PH7.4
<b>Purify</b>	Affinity purification
<b>Dilution</b>	WB 1:500-1:2000, IHC 1:50-1:200

### 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<sup>+</sup>, K<sup>+</sup>, and Cs<sup>+</sup> ions equally well, but not Ca(2<sup>+</sup>) ions. It is activated by lower concentrations of intracellular Ca(2<sup>+</sup>), and inhibited by higher concentrations. It 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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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.