

TRPC4

Reactivity:Human Mouse

Tested applications:WB IHC

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

Calculated MW:112kDa

Observed MW:Refer to figures

Immunogen:

Recombinant protein of human TRPC4

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

g

Synonym:

TRP4; HTRP4; HTRP-4;

Catalog #:A6996

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:7223

Isotype:IgG

Swiss Prot:Q9UBN4

Purity:Affinity purification

For research use only.

Background:

This gene encodes a member of the canonical subfamily of transient receptor potential cation channels. The encoded protein forms a non-selective calcium-permeable cation channel that is activated by Gq-coupled receptors and tyrosine kinases, and plays a role in multiple processes including endothelial permeability, vasodilation, neurotransmitter release and cell proliferation. Single nucleotide polymorphisms in this gene may be associated with generalized epilepsy with photosensitivity. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

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