

TRPM7 Rabbit pAb

Catalog No.: A10075

Basic Information

Catalog No.

A10075

Observed MW

230kDa

Calculated MW

212kDa

Category

Primary antibody

Applications

WB

Cross-Reactivity

Mouse

Recommended Dilutions

WB 1:500 - 1:2000

Background

The protein encoded by this gene is both an ion channel and a serine/threonine protein kinase. The kinase activity is essential for the ion channel function, which serves to increase intracellular calcium levels and to help regulate magnesium ion homeostasis. Defects in this gene are a cause of amyotrophic lateral sclerosis-parkinsonism/dementia complex of Guam. Alternative splicing of this gene results in multiple transcript variants.

Immunogen Information

Gene ID

54822

Swiss Prot

Q96QT4

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 756-855 of human TRPM7 (NP_060142.3).

Synonyms

TRPM7;ALSPDC;CHAK;CHAK1;LTRPC7;LTrpC-7;TRP-PLIK

Contact

 | www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

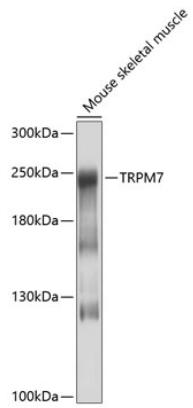
Affinity purification

Storage

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

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts of mouse skeletal muscle, using TRPM7 antibody (A10075) at 1:1000 dilution.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 10s.