A26986

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TCAP Rabbit mAb

Catalog No.: A26986 Recombinant 1 Publications

Basic Information

Observed MW
21 kDa/19-21 kDa (Full-Length)

Calculated MW
19 kDa

Category
SMab Recombinant Monoclonal Antibody

Applications
WB,ELISA

Cross-Reactivity
Human,Mouse

Background

Sarcomere assembly is regulated by the muscle protein titin. Titin is a giant elastic protein with kinase activity that extends half the length of a sarcomere. It serves as a scaffold to which myofibrils and other muscle related proteins are attached. This gene encodes a protein found in striated and cardiac muscle that binds to the titin Z1-Z2 domains and is a substrate of titin kinase, interactions thought to be critical to sarcomere assembly. Mutations in this gene are associated with limb-girdle muscular dystrophy type 2G.

Recommended Dilutions

WB	1:1000 - 1:5000
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
8557

Swiss Prot
O15273

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
TELE; CMD1N; CMH25; T-cap; LGMD2G; LGMDR7; telethonin

Contact

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Product Information

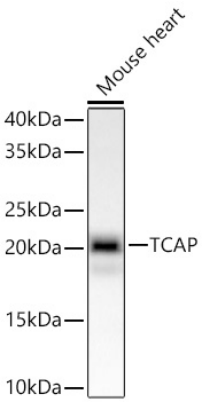
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃

Validation Data



Western blot analysis of lysates from Mouse heart using TCAP Rabbit mAb (A26986) at 1:5000 dilution incubated overnight at 4℃.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.