

A13566

Leader in Biomolecular Solutions for Life Science



## TCAP Rabbit pAb

Catalog No.: A13566

### Basic Information

**Observed MW**

19kDa

**Calculated MW**

19kDa

**Category**

Polyclonal Antibody

**Applications**

WB, ELISA

**Cross-Reactivity**

Human, Mouse, Rat

### 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 1:500 - 1:1000

### Immunogen Information

**Gene ID**

8557

**Swiss Prot**

O15273

**Immunogen**

Recombinant fusion protein containing a sequence corresponding to amino acids 1-167 of human TCAP (NP\_003664.1).

**Synonyms**

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

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

Affinity purification

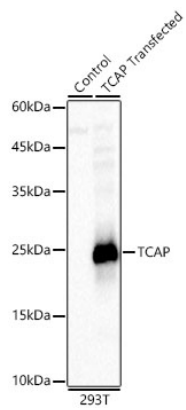
**Storage**

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

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

## Validation Data

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Western blot analysis of lysates from wild type (WT) and 293T cells transfected with TCAP using TCAP Rabbit pAb(A13566) at 1:2000 dilution.  
Secondary antibody:HRP Goat Anti-Rabbit IgG (H+L)(AS014) at 1:10000 dilution.  
Lysates/proteins: 20 µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection:ECL Basic Kit (RM00020).  
Exposure time: 1s.