

# TCAP Rabbit Polyclonal Antibody



**CAB13566**

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## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

19kDa

### Calculated MW:

19kDa

### Applications:

WB IF

### Reactivity:

Human, Mouse, Rat

## Protein 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.

## Immunogen information

### Gene ID:

8557

### Uniprot

O15273

### Synonyms:

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

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000 IF 1:50 - 1:200

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

### Immunogen:

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

### Storage:

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

## Product Images

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