

Rabbit TCAP Polyclonal Antibody | anti-TCAP antibody

TCAP Polyclonal Antibody

CATALOG # AAA281106	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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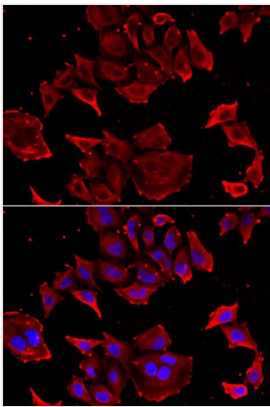
PRODUCT SYNONYMS

TCAP; Polyclonal Antibody; TCAP Polyclonal Antibody; CMD1N; CMH25; LGMD2G; T-cap; TELE; telethonin; anti-TCAP antibody

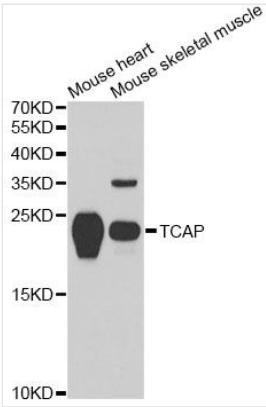
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence	MATSELSCEV SEENCERREA FWAEWKDLTL STRPEEGCSL HEEDTQRHET YHQQGQCQVL VQRSPWLMMR MGILGRGLQE YQLPYQRVLP LPIFTPAKMG ATKEEREDTP IQLQELLALE TALGGQCVDR QEVAEITKQL PPVVPVSKPG ALRRSLSRSM SQEAQRG
Sequence Length	167
Applicable Applications for anti-TCAP antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant protein of human TCAP
Immunogen Species	Human
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Cellular Location	Cytoplasm, myofibril, sarcomere
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



IF (Immunofluorescence)
Immunofluorescence analysis of HeLa cells using TCAP antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using TCAP antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.

ADDITIONAL INFORMATION

Related Product Information for anti-TCAP antibody	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.
Product Categories/Family for anti-TCAP antibody	Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507435
NCBI GeneID	8557
NCBI Accession #	NP_003664.1
NCBI GenBank Nucleotide #	NM_003673.3
UniProt Accession #	O15273; Q96L27
Molecular Weight	Calculated: 19kDa Observed: 22kDa
NCBI Official Full Name	telethonin
NCBI Official Synonym Full Names	titin-cap
NCBI Official Symbol	TCAP
NCBI Official Synonym Symbols	TELE; CMD1N; CMH25; T-cap; LGMD2G; telethonin
NCBI Protein Information	telethonin
UniProt Protein Name	Telethonin
UniProt Gene Name	TCAP

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

