

Rabbit anti-Human, Mouse TCAP Polyclonal Antibody | anti-TCAP antibody

TCAP Antibody

CATALOG # AAA323353	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
-------------------------------	-----------------------	-----------------------------------	--

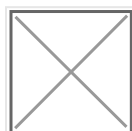
PRODUCT SYNONYMS

TCAP; Polyclonal Antibody; TCAP Antibody; 19 kDa sarcomeric protein; CMD1N; CMH25; LGMD2G; Limb girdle muscular dystrophy 2G (autosomal recessive); T-cap; Tcap; TELE; Telethonin; TELT_HUMAN; Titin cap protein; Titin-cap; anti-TCAP antibody

PRODUCT SPECIFICATIONS

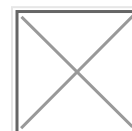
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	TCAP antibody detects endogenous levels of total TCAP
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	167
Applicable Applications for anti-TCAP antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cytoplasm > Myofibril > Sarcomere.
Tissue Specificity	Heart and skeletal muscle.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Dog
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Dog (100%)
Conjugation	Unconjugated

IMAGES



WB (Western Blot)

Western blot analysis of TCAP expression in Fetal muscle lysate Fetal heart lysate, The lane on the left is treated with the antigen-specific peptide.



IHC (Immunohistochemistry)

AAA323353 at 1/100 staining Mouse muscle tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-TCAP antibody	Description: Muscle assembly regulating factor. Mediates the antiparallel assembly of titin (TTN) molecules at the sarcomeric Z-disk. Subunit Structure: Interacts with MYOZ1, MYOZ2 and MYOZ3. Interacts with CSRP3. Interacts directly with the N-terminal Ig-like domains of 2 titin (TTN) molecules. Interacts with ANKRD2; the interaction is direct.
--	---

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	Observed: 19 kDa Predicted: 20 kDa
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; LGMDR7; 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/tcap-antibody-immunohistochemistry-western-blot-elisa/323353>