

Datasheet for ABIN6148919
anti-TCAP antibody (AA 1-167)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	TCAP
Binding Specificity:	AA 1-167
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TCAP antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-167 of human TCAP (NP_003664.1).
Sequence:	MATSELSCEV SEENCEREA FWAEWKDLTL STRPEEGCSL HEEDTQRHET YHQQGQCQVL VQRSPWLMMR MGILGRGLQE YQLPYQRVLP LPIFTPAKMG ATKEEREDTP IQLQELLALE TALGGQCVDR QEVAEITKQL PPVVPVSKPG ALRRSLSRSM SQEAQRG
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

Target:	TCAP
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Target Details

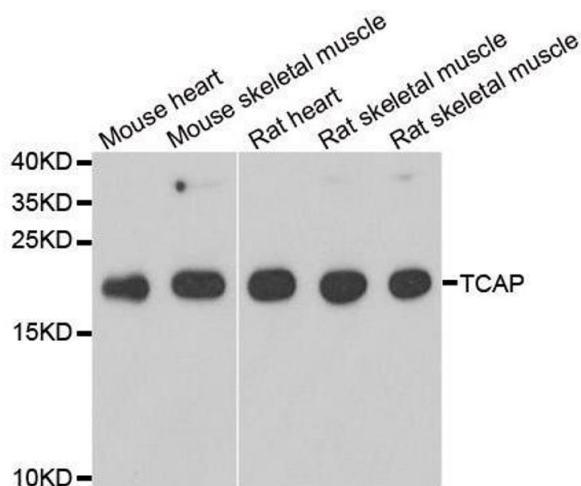
Alternative Name:	TCAP (TCAP Products)
Background:	Sarcomere assembly is regulated by the muscle protein titin. Titin is a giant elastic protein with kinase activity that extends half the length of a sarcomere. It serves as a scaffold to which myofibrils and other muscle related proteins are attached. 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.,TCAP,CMD1N,CMH25,LGMD2G,T-cap,TELE,telethonin,titin-cap,Cardiovascular,Heart,Hypertrophy,TCAP
Molecular Weight:	19 kDa
Gene ID:	8557
UniProt:	O15273

Application Details

Application Notes:	WB,1:500 - 1:2000
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using TCAP antibody.