

Datasheet for ABIN522010
anti-TCAP antibody (AA 1-167)

3 Images

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Overview

Quantity:	100 µg
Target:	TCAP
Binding Specificity:	AA 1-167
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TCAP antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Mouse monoclonal antibody raised against a full-length recombinant TCAP.
Immunogen:	TCAP (AAH13330, 1 a.a. ~ 167 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MATSELSCEV SEENCERREA FWAEWKDLTL STRPEEGCSL HEEDTQRHET YHQQGQCQVL VQRSPWLMMR MGIHGRGLQE YQLPYQRVLP LPIFTPAKMG ATKEEREDTP IQLQELLALE TALGGQCVDR QEVAEITKQL PPVVPVSKPG ALRRSLSRSM SQEAQRG
Clone:	1H3
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	TCAP
Alternative Name:	TCAP (TCAP Products)
Background:	Full Gene Name: titin-cap (telethonin) Synonyms: CMD1N,LGMD2G,T-cap,TELE,telethonin
Gene ID:	8557

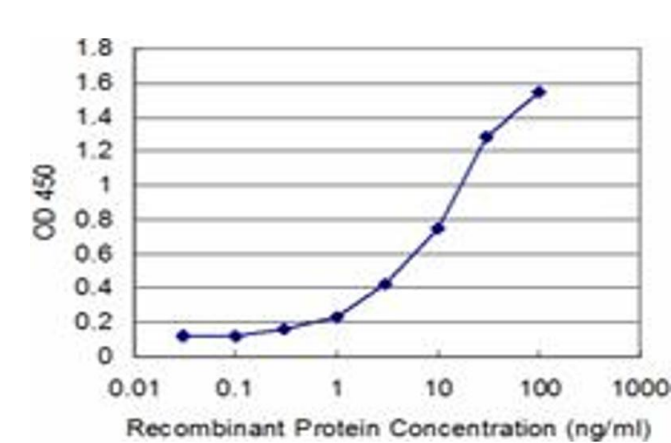
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

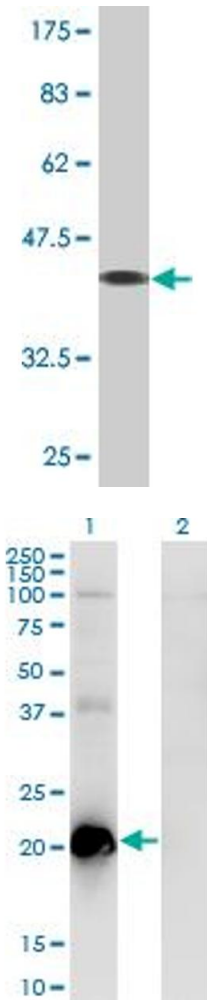
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images



ELISA

Image 1. Detection limit for recombinant GST tagged TCAP is approximately 0.3ng/ml as a capture antibody.



Western Blotting

Image 2. Western Blot detection against Immunogen (44.11 KDa) .

Western Blotting

Image 3. Western Blot analysis of TCAP expression in transfected 293T cell line by TCAP monoclonal antibody (M03), clone 1H3.

Lane 1: TCAP transfected lysate (Predicted MW: 19.1 KDa).
Lane 2: Non-transfected lysate.