

Datasheet for ABIN560143
anti-CACNB2 antibody (AA 213-301)



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2 Images

Overview

Quantity:	100 µg
Target:	CACNB2
Binding Specificity:	AA 213-301
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CACNB2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant CACNB2.
Immunogen:	CACNB2 (NP_963890, 213 a.a. ~ 301 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	PSSRKSTPPS SAIDIDATGL DAEENDIPAN HRSPKPSANS VTSPHSKEKR MPFFKKTEHT PPYDVVPSMR PVVLVGPSLK GYEVTDMMQ
Clone:	6H6
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	CACNB2
Alternative Name:	CACNB2 (CACNB2 Products)
Background:	Full Gene Name: calcium channel, voltage-dependent, beta 2 subunit Synonyms: CACNLB2,CAVB2,FLJ23743,MYSB
Gene ID:	783
NCBI Accession:	NM_201596
Pathways:	Skeletal Muscle Fiber Development

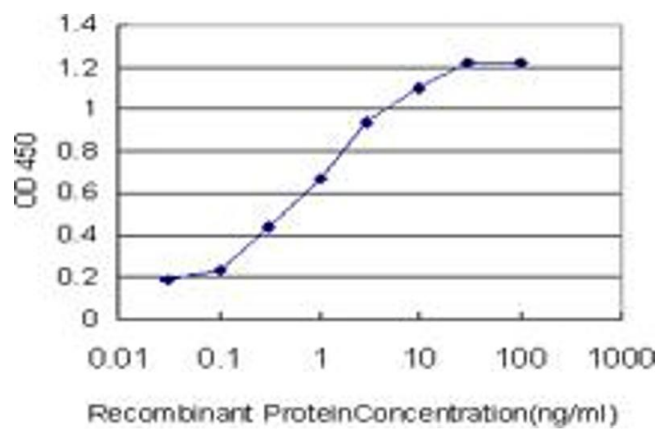
Application Details

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

Handling

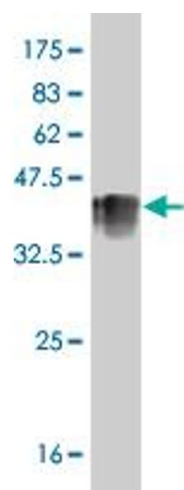
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images



ELISA

Image 1. Detection limit for recombinant GST tagged CACNB2 is approximately 0.03ng/ml as a capture antibody.



Western Blotting

Image 2. Western Blot detection against Immunogen (35.53 kDa) .