

Datasheet for ABIN513933
anti-CACNA1C antibody (AA 2039-2138)



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2 Images

Overview

Quantity:	100 µg
Target:	CACNA1C
Binding Specificity:	AA 2039-2138
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CACNA1C antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant CACNA1C.
Immunogen:	CACNA1C (NP_000710, 2039 a.a. ~ 2138 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	AVLISEGLGQ FAQDPKFIEV TTQELADACD MTIEEMESAA DNILSGGAPQ SPNGALLPFV NCRDAGQDRA GGEEDAGCVR ARGRPSEEL QDSRVYVSSL
Clone:	4D10
Isotype:	IgG1
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	CACNA1C
Alternative Name:	CACNA1C (CACNA1C Products)
Background:	Full Gene Name: calcium channel, voltage-dependent, L type, alpha 1C subunit Synonyms: CACH2,CACN2,CACNL1A1,CCHL1A1,CaV1.2,MGC120730,TS
Gene ID:	775
NCBI Accession:	NM_000719
Pathways:	Hormone Transport , Carbohydrate Homeostasis

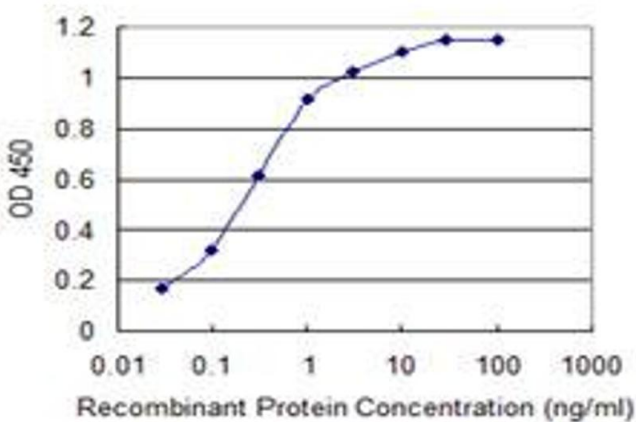
Application Details

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

Handling

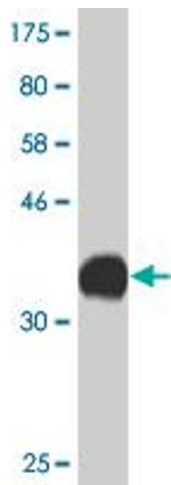
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images



ELISA

Image 1. Detection limit for recombinant GST tagged CACNA1C is 0.03 ng/ml as a capture antibody.



Western Blotting

Image 2. Western Blot detection against Immunogen (36.74 kDa) .