



[Go to Product page](#)

Datasheet for ABIN522398

anti-CACNA1I antibody (AA 233-331)

2 Images

Overview

Quantity:	100 µg
Target:	CACNA1I
Binding Specificity:	AA 233-331
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CACNA1I antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant CACNA1I.
Immunogen:	CACNA1I (NP_066919, 233 a.a. ~ 331 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	GLLRNRCFLE ENFTIQGDVA LPPYYQPEED DEMPFICSLG GDNGIMGCHE IPPLKEQGRE CCLSKDDVYD FGAGRQLNA SGLCVNWNRY YNVCRTGSA
Clone:	2F5
Isotype:	IgG1
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	CACNA1I
Alternative Name:	CACNA1I (CACNA1I Products)
Background:	Full Gene Name: calcium channel, voltage-dependent, T type, alpha 1I subunit Synonyms: Cav3.3,KIAA1120
Gene ID:	8911
NCBI Accession:	NM_021096

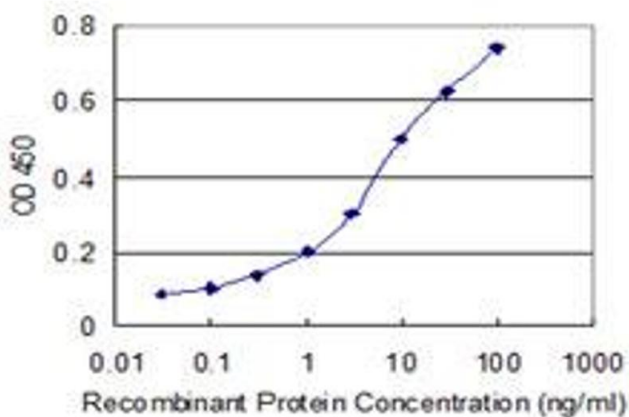
Application Details

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

Handling

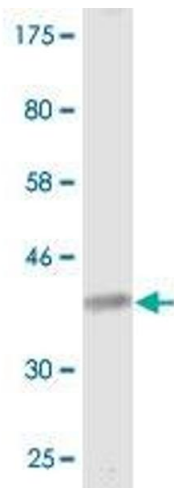
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images



ELISA

Image 1. Detection limit for recombinant GST tagged CACNA1I is 0.1 ng/ml as a capture antibody.



Western Blotting

Image 2. Western Blot detection against Immunogen (36.63 KDa).