



Datasheet for ABIN562356
anti-PPP3CB antibody (AA 435-524)



[Go to Product page](#)

4 Images

Overview

Quantity:	100 µg
Target:	PPP3CB
Binding Specificity:	AA 435-524
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PPP3CB antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, RNA Interference (RNAi)

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant PPP3CB.
Immunogen:	PPP3CB (NP_066955, 435 a.a. ~ 524 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	LTPTGMLPSG VLAGGRQTLQ SATVEAIEAE KAIRGFSPPH RICSFEEAKG LDRINERMPP RKDAVQQDGF NSLNTAHATE NHGTGNHTAQ
Clone:	5D3
Isotype:	IgG1
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	PPP3CB
Alternative Name:	PPP3CB (PPP3CB Products)
Background:	Full Gene Name: protein phosphatase 3 (formerly 2B), catalytic subunit, beta isoform Synonyms: CALNA2,CALNB
Gene ID:	5532
NCBI Accession:	NM_021132
Pathways:	RTK Signaling , WNT Signaling , Fc-epsilon Receptor Signaling Pathway , Positive Regulation of Peptide Hormone Secretion , Regulation of Leukocyte Mediated Immunity , VEGF Signaling , BCR Signaling

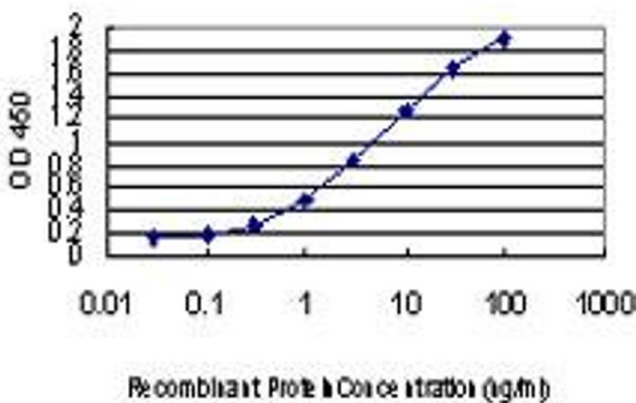
Application Details

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

Handling

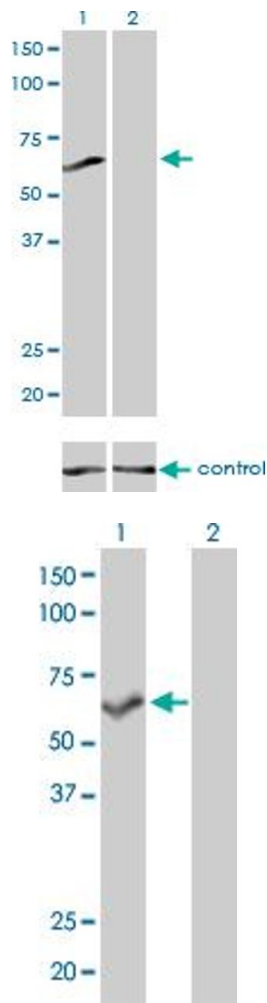
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images



ELISA

Image 1. Detection limit for recombinant GST tagged PPP3CB is approximately 0.03ng/ml as a capture antibody.



Western Blotting

Image 2. Western blot analysis of PPP3CB over-expressed 293 cell line, cotransfected with PPP3CB Validated Chimera RNAi (Lane 2) or non-transfected control (Lane 1). Blot probed with PPP3CB monoclonal antibody (M01), clone 5D3. GAPDH (36.1 kDa) used as specificity and loading control.

Western Blotting

Image 3. Western Blot analysis of PPP3CB expression in transfected 293T cell line by PPP3CB monoclonal antibody (M01), clone 5D3.

Lane 1: PPP3CB transfected lysate(59.1 kDa).

Lane 2: Non-transfected lysate.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN562356.