

Datasheet for ABIN2791276
anti-MYL12B antibody (C-Term)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	MYL12B
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Goat, Guinea Pig, Horse, Rabbit, Sheep, Dog, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MYL12B antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human MYL12B
Sequence:	EKLNGTDPED VIRNAFACFD EEATGTIQED YLRELLTTMG DRFTDEEVDE
Predicted Reactivity:	Cow: 100%, Dog: 100%, Goat: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Sheep: 100%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against MYL12B. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	MYL12B
---------	--------

Target Details

Alternative Name:	MYL12B (MYL12B Products)
Background:	The activity of nonmuscle myosin II is regulated by phosphorylation of a regulatory light chain, such as MRLC2. This phosphorylation results in higher MgATPase activity and the assembly of myosin II filaments. Alias Symbols: MLC-B, MRLC2 Protein Interaction Partner: HAUS1, UBC, UBD, PAN2, ITGA4, DAPK1, LRRK2, MYLIP, CUL1, CDK2, FBXO25, ARRB1, SUMO2, YWHAQ, USP45, PNKD, Protein Size: 172
Molecular Weight:	20 kDa
Gene ID:	103910
NCBI Accession:	NM_033546 , NP_291024
UniProt:	O14950
Pathways:	Feeding Behaviour

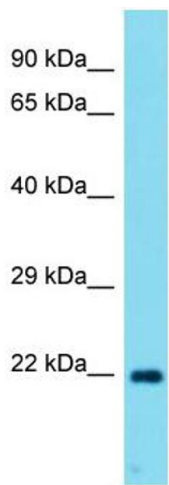
Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 172 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. Host: Rabbit Target Name: MYL12B Sample Type: ACHN Whole Cell lysates Antibody Dilution: 1.0ug/ml MYL12B is strongly supported by BioGPS gene expression data to be expressed in Human ACHN cells