.-online.com antibodies

Datasheet for ABIN2787351 anti-MYL6 antibody (N-Term)

2 Images



Overview

Quantity:	100 µL
Target:	MYL6
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Sheep, Dog, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MYL6 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human MYL6
Sequence:	CDFTEDQTAE FKEAFQLFDR TGDGKILYSQ CGDVMRALGQ NPTNAEVLKV
Predicted Reactivity:	Cow: 100%, Dog: 90%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Sheep: 100%, Zebrafish: 92%
Characteristics:	This is a rabbit polyclonal antibody against MYL6. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified
Target Details	
Target:	MYL6

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN2787351 | 09/11/2023 | Copyright antibodies-online. All rights reserved.

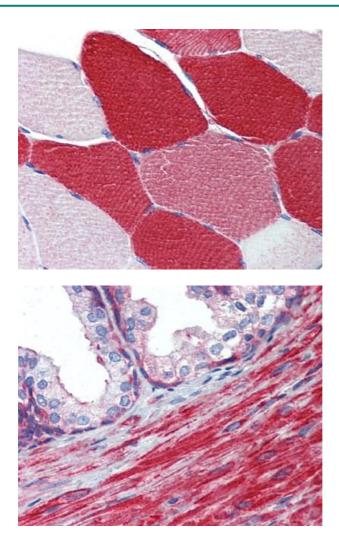
Target Details	
Alternative Name:	MYL6 (MYL6 Products)
Alternative Name: Background:	 MYL6 contains 3 EF-hand domains. It is the regulatory light chain of myosin. MYL6 does not bind calcium. Myosin is a hexameric ATPase cellular motor protein. It is composed of two heavy chains, two nonphosphorylatable alkali light chains, and two phosphorylatable regulatory light chains. This gene encodes a myosin alkali light chain that is expressed in smooth muscle and non-muscle tissues. Genomic sequences representing several pseudogenes have been described and two transcript variants encoding different isoforms have been identified for this gene. Alias Symbols: ESMLC, LC17-GI, LC17-NM, LC17A, LC17B, MLC1SM, MLC3NM, MLC3SM, LC17, MLC-3 Protein Interaction Partner: ADAMTS12, UBC, MDM2, SUZ12, MYL12A, MYH9, MYH14, GRIPAP1, UBD, GLP1R, PAN2, VCAM1, MLH1, ITGA4, FN1, TSGA10, ESR1, HSP90AB1, DES, ATP5B, MYL6B, LRRK2, CUL1, CDK2, ARRB1, ARRB2, SUMO2, SRRM2, USP45, USP46, USP18, MOB4, DNAJB9, NUDT21, EWSR1,
Molecular Weight:	Protein Size: 151 17 kDa
Gene ID:	4637
NCBI Accession:	NM_079423, NP_524147
UniProt:	P60660
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 151 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

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/3 | Product datasheet for ABIN2787351 | 09/11/2023 | Copyright antibodies-online. All rights reserved.

Handling

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.

Images



Immunohistochemistry

Image 1.

Immunohistochemistry

Image 2.

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/3 | Product datasheet for ABIN2787351 | 09/11/2023 | Copyright antibodies-online. All rights reserved.