

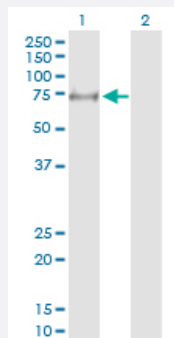
MaxPab®

MYLK2 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00085366-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of MYLK2 expression in transfected 293T cell line ([H00085366-T02](#)) by MYLK2 MaxPab polyclonal antibody.

Lane 1: MYLK2 transfected lysate(64.70 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human MYLK2 protein.

Immunogen

MYLK2 (NP_149109.1, 1 a.a. ~ 596 a.a) full-length human protein.

Sequence

MATENGAVELGIQNPSTDKAPKGPTGERPLAAGKDPGPPDPKKAPDPPTLKKDAKAPASEKGD
GTLAQPSTSSQGPKGEGDRGGGPAEGSAGPPAALPQQATPETS VKKPKAEQGASGSQDPGK
PRVGKAAEGQAAARRGSPAFLHSPSCPAISSSEKLLAKKPPSEASELTFEGVPMTHSPTDPRP
AKAEEGKNILAESQKEVGEKTPGQAGQAKMQGDTSRGIEFQAVPSEKSEVGQALCLTAREEDC
FQILDDCPPPPAPFPHRMVELRTGNVSSEFSMNSKEALGGGKFGAVCTCMEKATGLKLAAKVIK
KQTPKDKEMVLLIEVMNQLNHRNLIQLYAAIETPHEMLFMEYIEGGELFERVDEDYHLTEVDTMV
FVRQICDGILFMHKMRVLHLDLKPENILCVNTTGHLVKIIDFGLARRYNPNEKLKVNFGTPEFLSPEV
VNYDQISDKTDMWSMGVITYMLLSGLSPFLGDDDTETLNNVLSGNWYFDEETFEAVSDEAKDFV
SNLIVKDQRARMNAAQCLAHPWLNNLAEKAKRCNRRLKSQILLKKYLMKRRWKKNFIAVSAANRF
KKISSSGALMALGV

Host

Rabbit

Reactivity

Human

Interspecies Antigen Sequence

Mouse (80)

Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — MYLK2

Entrez GeneID	85366
GeneBank Accession#	NM_033118.2
Protein Accession#	NP_149109.1
Gene Name	MYLK2
Gene Alias	KMLC, MLCK, MLCK2, skMLCK
Gene Description	myosin light chain kinase 2
Omim ID	192600 606566
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a myosin light chain kinase, a calcium/calmodulin dependent enzyme, that is exclusively expressed in adult skeletal muscle. [provided by RefSeq]
Other Designations	OTTHUMP00000030560 OTTHUMP00000030561 OTTHUMP00000030562 myosin light chain kinase 2, skeletal muscle skeletal muscle myosin light chain kinase skeletal myosin light chain kinase

Pathway

- [Calcium signaling pathway](#)
- [Focal adhesion](#)
- [Regulation of actin cytoskeleton](#)
- [Vascular smooth muscle contraction](#)

Disease

- [Neoplasms](#)