

DNAXPAb

Hard-to-Find
Antibody

MYLK2 DNAXPab

Catalog # H00085366-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human MYLK2 DNA using DNAX™ Immune technology.

Technology [DNAX™ Immune](#)

Immunogen Full-length human DNA

Sequence MATENGAVELGIQNPSTDKAPKGPTGERPLAAGKDPGPPDPKKAPDPPTLKKDAKAPASEKGD
GTLAQPSTSSQGPKGEGDRGGGPAEGSAGPPAALPQQATPETS VKKPKAEQGASGSQDPGK
PRVGKKAEEGQAAARRGSPAFLHSPSCPAISSSEKLLAKKPPSEASELTFEGVPMTHSPTDPRP
AKAEEGKNILAESQKEVGEKTPGQAGQAKMQGDTSRGIEFQAVPSEKSEVGQALCLTAREEDC
FQILDDCPPPPAPFPHRMVELRTGNVSSEFSMNSKEALGGGKFGAVCTCMEKATGLKLAACKVIK
KQTPKDKEMVLLIEVMNQLNHRNLIQLYAAIETPHEMLFMEYIEGGELFERVDEDYHLTEVDTMV
FVRQICDGLFMHKMRVLHLDLKPENILCVNTTGHLVKIIDFGLARRYNPNEKLKVNFGTPEFLSPEV
VNYDQISDKTDMWSMGVITYMLLSGLSPFLGDDDTETLNNVLSGNWYFDEETFEAVSDEAKDFV
SNLIVKDQRARMNAAQCLAHPWLNLAEKAKRCNRRLKSQILLKKYLMKRRWKKNFIAVSAANRF
KKISSSGALMALGV

Host Rabbit

Reactivity Human

Purification Protein A

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.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

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](#)