

Rabbit anti-Rat Myosin Light Chain Kinase 2 Polyclonal Antibody | anti-MYLK2 antibody

Myosin Light Chain Kinase 2 (MYLK2) Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA144709	Rabbit	Rat	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

Myosin Light Chain Kinase 2; Polyclonal Antibody; Myosin Light Chain Kinase 2 (MYLK2) Polyclonal Antibody; KMLC; skMLCK; MLCK2; Skeletal Muscle Myosin Light Chain Kinase; Myosin light chain kinase 2; skeletal/cardiac muscle; anti-MYLK2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against MYLK2. It has been selected for its ability to recognize MYLK2 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4 containing 0.02% NaN ₃ , 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence Length	1845
Applicable Applications for anti-MYLK2 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Immunoglobulin Type	IgG
Conjugate	No Conjugate
Cross Reactivity	Rat
Organism Species	Rat
Fragment	MYLK2 (Ala327~Thr536)
Quality Control	Content: The quality control contains recombinant MYLK2 (Ala327~Thr536) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemiluminescent (ECL). Note: The quality control is specifically manufactured as the positive control. Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN ₃ 0.02%.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
DAB staining on formalin fixed paraffin-embedded kidney tissue



WB (Western Blot)
Western Blot: Sample: Recombinant protein.

NCBI AND UNIPROT INFORMATION

NCBI GI #	17105364
NCBI GeneID	117558
NCBI Accession #	NP_476557.1
NCBI GenBank Nucleotide #	NM_057209.1
UniProt Accession #	P20689
Molecular Weight	65,816 Da
NCBI Official Full Name	myosin light chain kinase 2, skeletal/cardiac muscle
NCBI Official Synonym Full Names	myosin light chain kinase 2
NCBI Official Symbol	Mylk2
NCBI Official Synonym Symbols	Klmc; Mlck
NCBI Protein Information	myosin light chain kinase 2, skeletal/cardiac muscle
UniProt Protein Name	Myosin light chain kinase 2, skeletal/cardiac muscle
UniProt Gene Name	Mylk2
UniProt Synonym Gene Names	MLCK2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/myosin-light-chain-kinase-2-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/144709>