

Rabbit MYLK Polyclonal Antibody | anti-MYLK antibody

MYLK Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA171788	Rabbit	Human, Mouse, Rat	ELISA, Western Blot

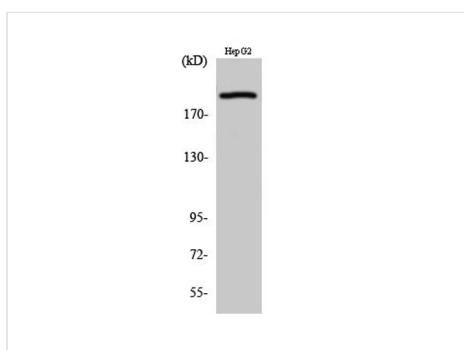
PRODUCT SYNONYMS

MYLK; Polyclonal Antibody; MYLK Polyclonal Antibody; MLCK; MLCK1; MYLK1; Myosin light chain kinase; smooth muscle; smMLCK; Kinase-related protein; KRP; Telokin; anti-MYLK antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.02% sodium azide. 50% glycerol, 0.5% BSA.
Sequence Length	294
Applicable Applications for anti-MYLK antibody	ELISA, WB (Western Blot)
Immunogen	Synthesized peptide derived from the Internal region of human MYLK.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-12450 / sc-22224 / sc-22223 / sc-9452 / sc-22226 / sc-25428
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES



WB (Western Blot)

Western Blot analysis of HepG2 cells with MYLK Polyclonal Antibody

ADDITIONAL INFORMATION

Related Product Information for anti-MYLK antibody	Background: This gene, a muscle member of the immunoglobulin gene superfamily, encodes myosin light chain kinase which is a calcium/calmodulin dependent enzyme. This kinase phosphorylates myosin regulatory light chains to facilitate myosin interaction with actin filaments to produce contractile activity. This gene encodes both smooth muscle and nonmuscle isoforms. In addition, using a separate promoter in an intron in the 3' region, it encodes telokin, a small protein identical in sequence to the C-terminus of myosin light chain kinase, that is independently expressed in smooth muscle and functions to stabilize unphosphorylated myosin filaments. A pseudogene is located on the p arm of chromosome 3. Four transcript variants that produce four isoforms of the calcium/calmodulin dependent enzyme have been identified as well as two transcripts that produce two isoforms of telokin. Additional variants have been identified but lack full length transcripts.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	958876626
Molecular Weight	Calculated MW: 210KDa Observed MW: 200KDa
NCBI Official Full Name	MYLK, partial
UniProt Protein Name	MYLK
UniProt Gene Name	MYLK
UniProt Entry Name	A0A0S7LWK0_9TELE

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/mylk-antibody-western-blot-elisa/171788>