

Rabbit MYLK3 Polyclonal Antibody | anti-MYLK3 antibody

MYLK3 Polyclonal Antibody

CATALOG # AAA166557	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
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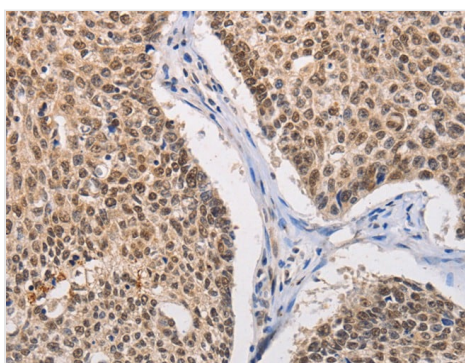
PRODUCT SYNONYMS

MYLK3; Polyclonal Antibody; MYLK3 Polyclonal Antibody; MLCK; MLCK2; caMLCK; anti-MYLK3 antibody

PRODUCT SPECIFICATIONS

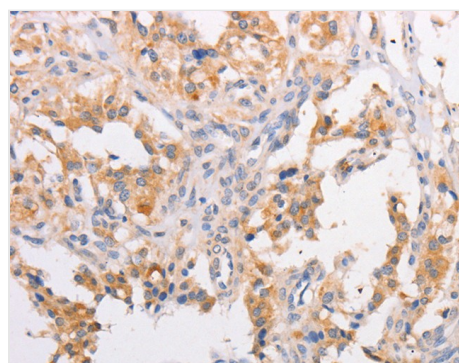
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	2mg/mL (varies by lot)
Sequence Length	819
Applicable Applications for anti-MYLK3 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant protein of human MYLK3
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human lung cancer tissue using MYLK3 Polyclonal Antibody at dilution 1:30



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using MYLK3 Polyclonal Antibody at dilution 1:30

ADDITIONAL INFORMATION

Related Product Information for anti-MYLK3 antibody	YLK3 (Myosin light chain kinase 3) is a 795 amino acid cardiac-specific protein that contains one protein kinase domain and belongs to the protein kinase superfamily. Like other MYLK kinases, MYLK3 is thought to play a role in smooth muscle contraction, specifically using magnesium as a cofactor to catalyze the ATP-dependent phosphorylation of Myosin light chain proteins. Additionally, MYLK3 may regulate sarcomere assembly in heart tissue, possibly mediating proper heart function.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	254763411
NCBI GeneID	91807
Molecular Weight	52,723 Da
NCBI Official Full Name	Myosin light chain kinase 3
NCBI Official Synonym Full Names	myosin light chain kinase 3
NCBI Official Symbol	MYLK3
NCBI Official Synonym Symbols	MLCK; MLCK2; caMLCK
NCBI Protein Information	myosin light chain kinase 3; MLC kinase; cardiac-MLCK; cardiac-MyBP-C associated Ca/CaM kinase; cardiac-MyBP-C-associated Ca/CaM kinase; putative myosin light chain kinase 3
UniProt Protein Name	Myosin light chain kinase 3
UniProt Gene Name	MYLK3
UniProt Synonym Gene Names	MLCK; Cardiac-MLCK
UniProt Entry Name	MYLK3_HUMAN

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://www.aaabiotech.com/polyclonal/mylk3-antibody-immunohistochemistry-elisa/166557>