

Rabbit anti-Human MYLK3 Polyclonal Antibody | anti-MYLK3 antibody

MYLK3 Antibody

CATALOG # AAA304995	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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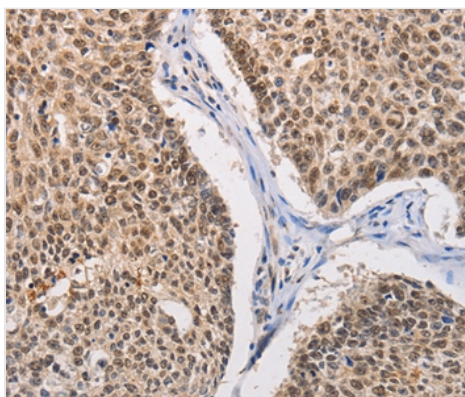
PRODUCT SYNONYMS

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

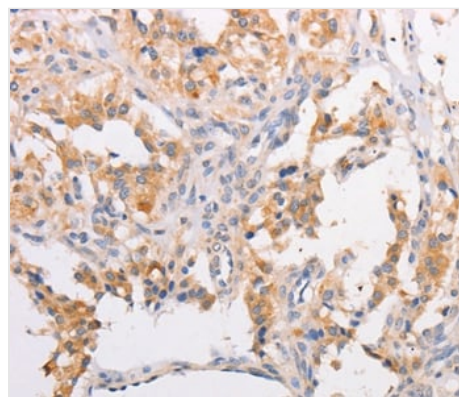
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total MYLK3 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	2 mg/ml (varies by lot)
Sequence Length	478
Applicable Applications for anti-MYLK3 antibody	IHC (Immunohistochemistry)
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to residues near the N terminal of human myosin light chain kinase 3
Target Name	MYLK3
Preparation and Storage	Store at -20 degree C

IMAGES


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human lung cancer tissue using at dilution 1/30.


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using 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.
Product Categories/Family for anti-MYLK3 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	815930021
NCBI GeneID	91807
NCBI Accession #	NP_001295230.1
NCBI GenBank Nucleotide #	NM_001308301.1
UniProt Accession #	Q32MK0; Q32MK1; Q96DV1; B5BUL9; B7Z5U8
Molecular Weight	52,723 Da
NCBI Official Full Name	myosin light chain kinase 3 isoform 2
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
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/304995>