



Catalog: OM214882

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MYLK3 Antibody (N-term)

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☐ 20ul ☐ 50ul ☐ 100ul

Product profile

Product name	MYLK3 Antibody (N-term)
Antibody Type	Primary Antibodies

Key Feature

Clonality	Polyclonal
Isotype	Ig
Host Species	Rabbit
Tested Application	WB IHC WB:1:100~500 IHC
Species Reactivity	Human
Concentration	1mg/ml

Target Information

Gene Synonyms	MLCK
Alternative Names	MYLK3 MLCK Putative myosin light chain kinase 3 Cardiac-MyBP-C-associated Ca/CaM kinase
Molecular Weight(MW)	88393 Da
Function	Kinase that phosphorylates MYL2 in vitro. Promotes sarcomere formation in cardiomyocytes and increases cardiomyocyte contractility (By similarity)
Tissue Specificity	Restricted to heart.
Cellular Localization	Cytoplasm (By similarity).

Database Links

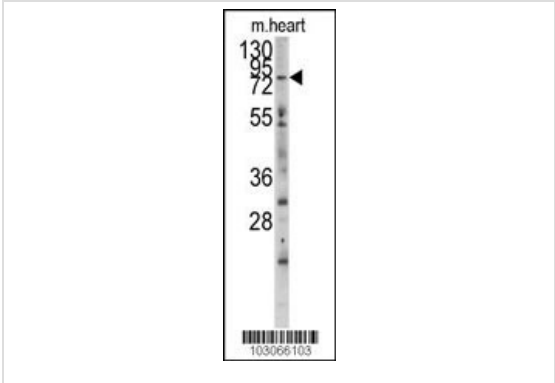
Entrez Gene	91807
Nucleotide Accession	Q96DV1

Application



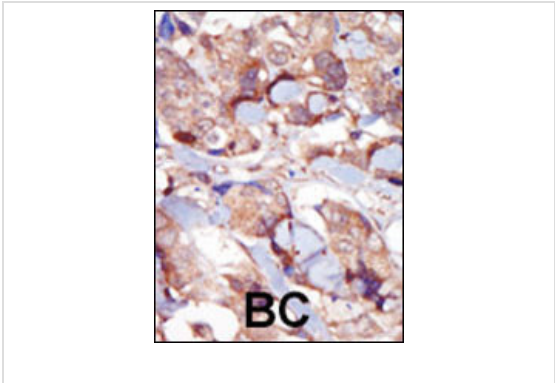
Application

Western blot analysis of anti-MYLK3 Antibody (N-term) in A375 cell line lysates (35ug/lane). MYLK3 (arrow) was detected using the purified Pab.



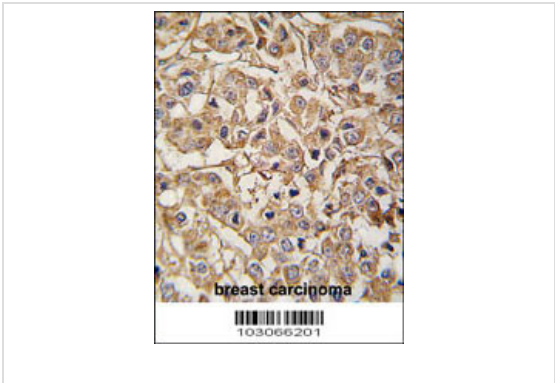
Application

Western blot analysis of anti-MYLK3 Antibody (N-term) in mouse heart tissue lysates (35ug/lane). MYLK3(arrow) was detected using the purified Pab.



Application

Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



Application

Formalin-fixed and paraffin-embedded human breast carcinoma tissue reacted with MYLK3 antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

Application Notes WB:1:100~500 IHC

Additional Information

Form Liquid

Storage Instructions For short-term storage, store at 4° C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Storage Buffer

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.

OmnimAbs.com

order@Omnimabs.com

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This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt

