

Anti-MYLK3 Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P107354

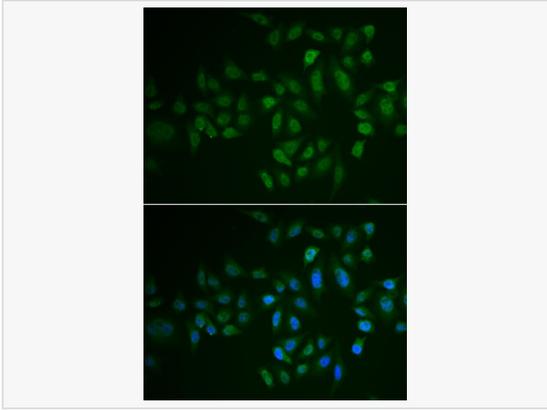
Product Information

Application	WB, IF (Cell)/ICC, ELISA
Reactivity	Human, Mouse
Dilution	WB 1:500~1:2,000; IF 1:50~1:100
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 100-200 of human MYLK3 (NP_872299.2).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-MYLK3 Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	MLCK; MLCK2; caMLCK; MYLK3.
Calculated MW	Calculated MW: 88 kDa; Observed MW: Refer to Figures
Uniprot ID	Q32MK0
Gene ID	91807
Background	Phosphorylation of cardiac myosin heavy chains (see MYH7B, MIM 609928) and light chains (see MYL2, MIM 160781) by a kinase, such as MYLK3, potentiates the force and rate of cross-bridge recruitment in cardiac myocytes (Chan et al., 2008 [PubMed 18202317]).

Validation Images



Immunofluorescence analysis of U2OS cells using MYLK3 Rabbit pAb (P107354).
Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue:
DAPI for nuclear staining.