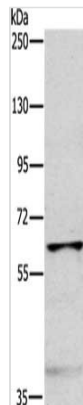


MYLK2 Antibody

Product Code	CSB-PA189164
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q9H1R3
Immunogen	Fusion protein of Human MYLK2
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Tested Applications	ELISA,WB;ELISA:1:1000-1:2000,WB:1:200-1:1000
Relevance	This gene encodes a myosin light chain kinase, a calcium / calmodulin dependent enzyme, that is exclusively expressed in adult skeletal muscle. The MYLK2 gene expresses skMLCK more prevalently in fast twitch muscle fibers as compared to slow twitch muscle fibers. Calmodulin is composed of two terminal domains (N,C) each containing two E-F hand motifs that bind to Ca ²⁺ . Upon saturation of Ca ²⁺ , Calmodulin undergoes a conformation change allowing it to bind with a target protein such as skMLCK.
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Purification Method	Antigen affinity purification
Isotype	IgG
Alias	myosin light chain kinase 2
Species	Homo sapiens (Human)
Target Names	MYLK2

Image



Gel: 6%SDS-PAGE, Lysate: 40 µg, Lane: Mouse muscle tissue, Primary antibody: CSB-PA189164(MYLK2 Antibody) at dilution 1/1000, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 10 minutes