



MYL4 Polyclonal Antibody

Catalog No	YP-Ab-05139
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;ELISA
Gene Name	MYL4 MLC1 PRO1957
Immunogen	Synthesized peptide derived from human protein . at AA range: 1-80
Specificity	MYL4 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	ALC1;AMLC;GT1;MLC1;MLC1a;MYL4;Myosin light chain 4;PRO1957;MYL4 MLC1 PRO1957;Myosin light chain 4 (Myosin light chain 1;embryonic muscle/atrial isoform) (Myosin light chain alkali GT-1 isoform)
Observed Band	21kD
Calculated Molecular Weight	21kD
Cell Pathway	cytosol,myosin complex,A band,
Tissue Specificity	Blood,Fetal liver,Pancreas,Skeletal muscle,Spleen,
Function	function:Regulatory light chain of myosin. Does not bind calcium., similarity:Contains 3 EF-hand domains.,subunit:Myosin is an hexamer of 2 heavy chains and 4 light chains.,
Background	Myosin is a hexameric ATPase cellular motor protein. It is composed of two myosin heavy chains, two nonphosphorylatable myosin alkali light chains, and two phosphorylatable myosin regulatory light chains. This gene encodes a myosin alkali light chain that is found in embryonic muscle and adult atria. Two alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008],

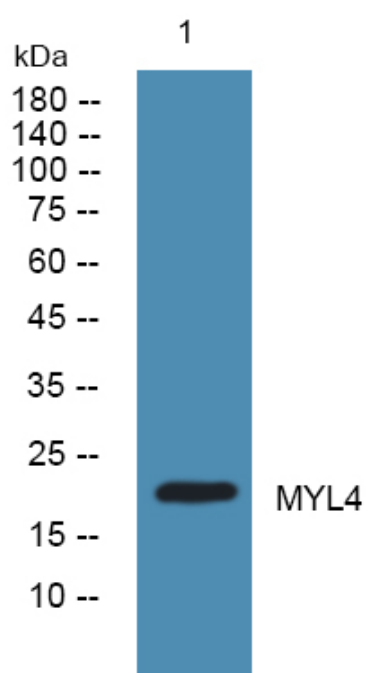
**matters needing attention**

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from KB cells, primary antibody was diluted at 1:1000, 4° over night