

Datasheet for ABIN7596057
anti-MYL4 antibody (AA 1-197)



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Overview

Quantity:	100 µL
Target:	MYL4
Binding Specificity:	AA 1-197
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Human MYL4 antibody
Immunogen:	Recombinant human MYL4 (1-197aa) purified from E. coli
Clone:	AT4E8
Isotype:	IgG2a kappa
Purification:	protein-A affinity chromatography

Target Details

Target:	MYL4
Alternative Name:	MYL4 (MYL4 Products)
Background:	Myosin light chain 4 is a protein that in humans is encoded by the MYL4 gene. Myosin is a hexameric ATPase cellular motor protein. It is composed of two myosin heavy chains, two

Target Details

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.

NCBI Accession:	NP_001002841
Pathways:	Myometrial Relaxation and Contraction

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Phosphate-Buffered Saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.