

Datasheet for ABIN1881562  
**anti-MYL4 antibody (N-Term)**[Go to Product page](#)**1** Image **2** Publications

## Overview

Quantity:	400 µL
Target:	MYL4
Binding Specificity:	AA 1-30, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MYL4 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This MYL4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human MYL4.
Clone:	RB40527
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	MYL4
Alternative Name:	MYL4 ( <a href="#">MYL4 Products</a> )
Background:	Myosin is a hexameric ATPase cellular motor protein. It is composed of two myosin heavy

## Target Details

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.

Molecular Weight: 21565

NCBI Accession: [NP\\_001002841](#), [NP\\_002467](#)

UniProt: [P12829](#)

Pathways: [Myometrial Relaxation and Contraction](#)

## Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

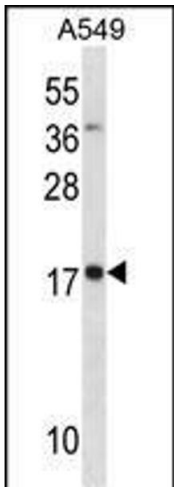
Storage: 4 °C, -20 °C

Expiry Date: 6 months

## Publications

Product cited in: Akpa, Oyejola: "Modeling the transmission dynamics of HIV/AIDS epidemics: an introduction and a review." in: **Journal of infection in developing countries**, Vol. 4, Issue 10, pp. 597-608, (2010) ([PubMed](#)).

Kladney, Cardiff, Kwiatkowski, Chiang, Weber, Arbeit, Lu: "Tuberous sclerosis complex 1: an epithelial tumor suppressor essential to prevent spontaneous prostate cancer in aged mice." in: **Cancer research**, Vol. 70, Issue 21, pp. 8937-47, (2010) ([PubMed](#)).



Western Blotting

**Image 1.** MYL4 Antibody (N-term) (ABIN1881562 and ABIN2838424) western blot analysis in A549 cell line lysates (35 µg/lane). This demonstrates the MYL4 antibody detected the MYL4 protein (arrow).