

Datasheet for ABIN2856446
anti-CAPZA1 antibody (Center)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	CAPZA1
Binding Specificity:	Center
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CAPZA1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human CAPZA1. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Rhesus Monkey
Cross-Reactivity (Details):	Rhesus Monkey (100 %)
Characteristics:	Rabbit Polyclonal antibody to CAPZA1 (capping protein (actin filament) muscle Z-line, alpha 1) CAPZA1 antibody [N2C3]
Purification:	Purified by antigen-affinity chromatography.

Target Details

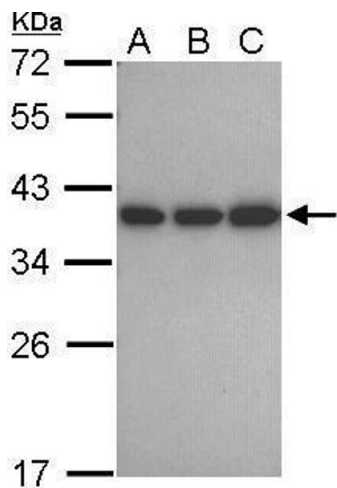
Target:	CAPZA1
Alternative Name:	CAPZA1 (CAPZA1 Products)
Background:	CAPZA1 is a member of the F-actin capping protein alpha subunit family. This gene encodes the alpha subunit of the barbed-end actin binding protein. The protein regulates growth of the actin filament by capping the barbed end of growing actin filaments.
Molecular Weight:	33 kDa
Gene ID:	829
Pathways:	Regulation of Actin Filament Polymerization

Application Details

Application Notes:	Suggested dilution Reference Western blot 1:500-1:3000* Not tested in other applications. *Optimal dilutions/concentrations should be determined by the researcher.Suggested dilutionReferenceWestern blot1:500-1:3000*
Comment:	Positive Control: 293T , A431 , Jurkat , Raji
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	1XPBS, 1 % BSA, 20 % Glycerol (pH 7). 0.01 % Thimerosal was added as a preservative.
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



Western Blotting

Image 1. WB Image Sample (30 ug of whole cell lysate) A: 293T B: A431 C: Jurkat 12% SDS PAGE antibody diluted at 1:1000