Datasheet for ABIN7152381

anti-CAPZB antibody (AA 1-272)

2 Images

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Overview

Quantity:	100 µL
Target:	CAPZB
Binding Specificity:	AA 1-272
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CAPZB antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human F-actin-capping protein subunit beta protein (1-272AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	CAPZB
Alternative Name:	CAPZB (CAPZB Products)
Background:	Background: F-actin-capping proteins bind in a Ca2+-independent manner to the fast growing ends of actin filaments (barbed end) thereby blocking the exchange of subunits at these ends.

Target Details

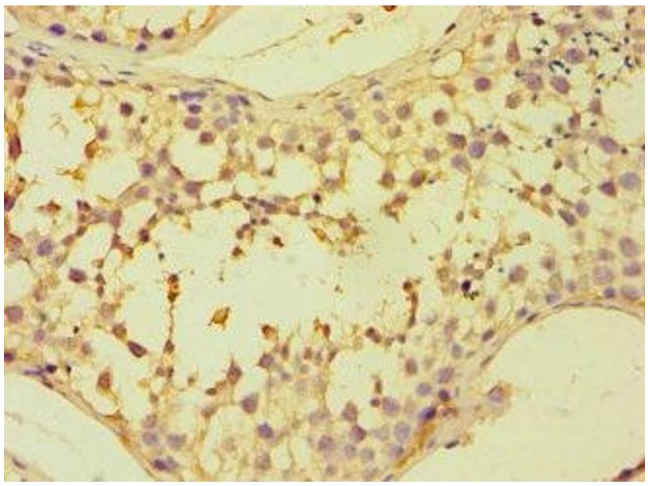
	Unlike other capping proteins (such as gelsolin and severin), these proteins do not sever actin filaments. Plays a role in the regulation of cell morphology and cytoskeletal organization. Aliases: 11 antibody, Cap protein, actin, beta antibody, Cap Z antibody, CAPB antibody, CAPPB antibody, Capping protein (actin filament) muscle Z line beta antibody, Capping protein beta 2 antibody, CAPZ antibody, CapZ beta antibody, Capzb antibody, CAPZB_HUMAN antibody, DKFZp686K0524 antibody, F actin capping protein beta subunit antibody, F-actin-capping protein subunit beta antibody, FLJ12274 antibody, FLJ44693 antibody, MGC104401 antibody, MGC129749 antibody, MGC129750 antibody, wu:fk65f06 antibody, zgc:66149 antibody
UniProt:	P47756
Pathways:	Regulation of Actin Filament Polymerization

Application Details

Application Notes:	Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200,
Restrictions:	For Research Use only

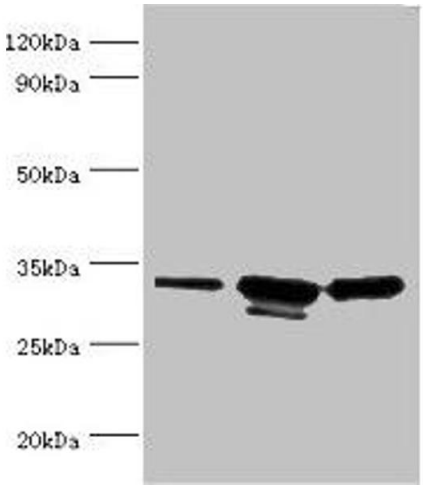
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.
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:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human testis tissue using ABIN7152381 at dilution of 1:100



Western Blotting

Image 2. Western blot All lanes: CAPZB antibody at 6 µg/mL Lane 1: 293T whole cell lysate Lane 2: A431 whole cell lysate Lane 3: Jurkat whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 32, 31 kDa Observed band size: 32, 31 kDa

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