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Datasheet for ABIN7152374

anti-CAPZA1 antibody (AA 211-252) (Biotin)

Overview

Quantity:	100 µg
Target:	CAPZA1
Binding Specificity:	AA 211-252
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CAPZA1 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human F-actin-capping protein subunit alpha-1 protein (211-252AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	CAPZA1
Alternative Name:	CAPZA1 (CAPZA1 Products)
Background:	Background: F-actin-capping proteins bind in a Ca(2+)-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.

Aliases: Cap Z antibody, Cappa 1 antibody, Cappa1 antibody, Capping protein (actin filament) muscle Z line alpha 1 antibody, Capping protein alpha 1 antibody, Capping protein muscle Z line alpha 1 antibody, CapZ alpha 1 antibody, CapZ alpha-1 antibody, CAPZ antibody, CAPZA 1 antibody, Capza1 antibody, CAZ 1 antibody, CAZ1 antibody, CAZA1_HUMAN antibody, F actin capping protein alpha 1 subunit antibody, F-actin-capping protein subunit alpha-1 antibody

UniProt: [P52907](#)

Pathways: [Regulation of Actin Filament Polymerization](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: 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.