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Datasheet for ABIN7152380

anti-CAPZA2 antibody (AA 2-286) (HRP)

Overview

Quantity:	100 µg
Target:	CAPZA2
Binding Specificity:	AA 2-286
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CAPZA2 antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human F-actin-capping protein subunit alpha-2 protein (2-286AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	CAPZA2
Alternative Name:	CAPZA2 (CAPZA2 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: CAPPA2 antibody, Capping protein (actin filament) muscle Z line, alpha 2 antibody, CapZ alpha 2 antibody, CapZ alpha-2 antibody, CAPZ antibody, CAPZA2 antibody, CAZA2_HUMAN antibody, F actin capping protein alpha 2 subunit antibody, F actin capping protein subunit alpha 2 antibody, F-actin-capping protein subunit alpha-2 antibody

UniProt: [P47755](#)

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.