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Datasheet for ABIN7112265 **anti-CAPZA1 antibody**

Overview

Quantity:	100 µg
Target:	CAPZA1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CAPZA1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	capping protein(actin filament) muscle Z-line, alpha 1
Clone:	2C8
Isotype:	IgG1
Purification:	Protein A+G purification
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	CAPZA1
Alternative Name:	CAPZA1 (CAPZA1 Products)
Background:	Synonyms: 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

Target Details

these ends. Unlike other capping proteins(such as gelsolin and severin), these proteins do not sever actin filaments.

Molecular Weight: 37kd

Gene ID: 829

UniProt: [P52907](#)

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

Application Details

Application Notes: WB: 1:1000-1:8000, IF: 1:50-1:500

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 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

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months