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Datasheet for ABIN7112263 anti-CAPZA1 antibody

Overview

Quantity:	100 µg
Target:	CAPZA1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CAPZA1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunoprecipitation (IP)

Product Details

Immunogen:	capping protein(actin filament) muscle Z-line, alpha 1
Isotype:	IgG
Purification:	Immunogen affinity purified
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 these ends. Unlike other capping proteins(such as gelsolin and severin), these proteins do not sever actin filaments.

Target Details

Molecular Weight:	33kd
Gene ID:	829
UniProt:	P52907
Pathways:	Regulation of Actin Filament Polymerization

Application Details

Application Notes:	WB: 1:500-1:2000, IP: 1:500-1:1000, IHC: 1:50-1:200
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