

Datasheet for ABIN2790000
anti-CAPZA1 antibody (N-Term)



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Overview

Quantity:	100 µL
Target:	CAPZA1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CAPZA1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	YEDQVLITEH GDLGNSRFLD PRNKISFKFD HLRKEASDPQ PEEADGGLKS
Predicted Reactivity:	Cow: 100%, Dog: 86%, Guinea Pig: 86%, Horse: 93%, Human: 100%, Mouse: 86%, Pig: 93%, Rabbit: 93%, Rat: 93%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against CAPZA1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	CAPZA1
Alternative Name:	CAPZA1 (CAPZA1 Products)
Background:	CAPZA1 is a member of the F-actin capping protein alpha subunit family. This gene encodes

Target Details

the alpha subunit of the barbed-end actin binding protein. The protein regulates growth of the actin filament by capping the barbed end of growing actin filaments.

Alias Symbols: CAPPA1, CAPZ, CAZ1

Protein Interaction Partner: HUWE1, SUMO2, CBL, UBC, WWOX, RPA3, RPA2, RPA1, CIAPIN1, STRAP, TUBB3, PSMG1, YWHAB, SGTA, CAPZB, CAPZA2, FBXO6, MPG, PAN2, PHB, VCAM1, ITGA4, FN1, SMURF1, EIF4A3, MAGOH, PAXIP1, MDC1, TP53BP1, ECT2, MYO6, HSPA8, LRRK2, CD2AP, BAG3, FAM21C, ARHGAP17, CUL3

Protein Size: 286

Molecular Weight: 33 kDa

Gene ID: 829

NCBI Accession: [NM_006135](#), [NP_006126](#)

UniProt: [P52907](#)

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

Application Details

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

Comment: Antigen size: 286 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

Images

