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Datasheet for ABIN2790001 anti-CAPZA1 antibody (N-Term)

Image



Overview

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

Product Details

Sequence:	FDDRVSDEEK VRIAAKFITH APPGEFNEVF NDVRLLLNND NLLREGAAHA
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Sheep: 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

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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, MY06, 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

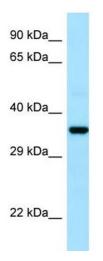
Handling

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 smal

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aliquots to prevent freeze-thaw cycles.

Images



Rabbit Anti-CAPZA1 Antibody Catalog Number: ARP64942 Lot Number: QC35490 Lane: Fetal Lung Lysate

Antibody Titration: 1.0µg/ml Gel Concentration: 12%

Western Blotting

Image 1.

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