

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

1 Image



Go to Product page

\sim			
	ve	r\/	٨
\cup	V C	1 V I	٧V

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	

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

Regulation of Actin Filament Polymerization

Protein Size: 286

Molecular Weight:	33 kDa
Gene ID:	829
NCBI Accession:	NM_006135, NP_006126
UniProt:	P52907

Application Details

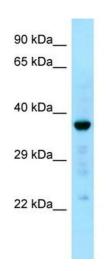
Pathways:

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.	
Comment:	Antigen size: 286 AA	
Restrictions:	For Research Use only	
Handling		

Hariding		
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



Rabbit Anti-CAPZA1 Antibody Catalog Number: ARP64941 Lot Number: QC35489

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

Lane: Fetal Liver Lysate

Western Blotting

Image 1.