

Datasheet for ABIN2789020  
**anti-CAPZA2 antibody (N-Term)**



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1 Image

## Overview

Quantity:	100 µL
Target:	CAPZA2
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Sheep, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CAPZA2 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Sequence:	DLEEQLSDEE KVRIAAKFII HAPPGEFNEV FNDVRLLLNN DNLLREGAAH
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Sheep: 100%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against CAPZA2. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	CAPZA2
Alternative Name:	CAPZA2 ( <a href="#">CAPZA2 Products</a> )
Background:	The protein encoded by this gene is a member of the F-actin capping protein alpha subunit

## Target Details

family. It is the alpha subunit of the barbed-end actin binding protein Cap Z. By capping the barbed end of actin filaments, Cap Z regulates the growth of the actin filaments at the barbed end.

Alias Symbols: CAPPA2, CAPZ

Protein Interaction Partner: UBC, CAPZB, CAPZA1, AASDHPPT, TWF2, STRAP, PSMG1, SGTA, RPL18A, PTMA, PKM, PAN2, LRRK2, CD2AP, BLNK, ARRB2, ELAVL1, RBBP6, CAPZA3,

Protein Size: 286

Molecular Weight:	31 kDa
Gene ID:	830
NCBI Accession:	<a href="#">NM_006136</a> , <a href="#">NP_006127</a>
UniProt:	<a href="#">P47755</a>
Pathways:	<a href="#">Regulation of Actin Filament Polymerization</a>

## 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.

