

Datasheet for ABIN631921 **anti-CAPZA3 antibody**



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	CAPZA3
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CAPZA3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	CAPZA3 antibody was raised using a synthetic peptide corresponding to a region with amino acids MTLSVLSRKDKERVIRLLLLQAPPGEFVNADFDDLCLLIRDEKLMHHQGEC
Purification:	Affinity purified

Target Details

Target:	CAPZA3
Alternative Name:	CAPZA3 (CAPZA3 Products)
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. CAPZA3 may play a role in the morphogenesis of spermatid.
Molecular Weight:	33 kDa (MW of target protein)

Target Details

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

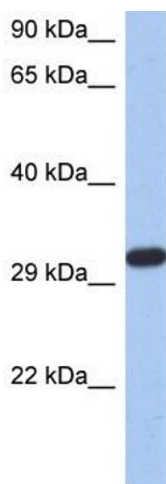
Application Details

Application Notes:	WB: 1 µg/mL Optimal conditions should be determined by the investigator.
Comment:	CAPZA3 Blocking Peptide, catalog no. 33R-6555, is also available for use as a blocking control in assays to test for specificity of this CAPZA3 antibody
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of CAPZA3 antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.

Images



Western Blotting

Image 1. CAPZA3 antibody used at 1 ug/ml to detect target protein.