

## Product datasheet

# Anti-CAPZA1 antibody [2] ab67339

1 Image

### Overview

<b>Product name</b>	Anti-CAPZA1 antibody [2]
<b>Description</b>	Mouse monoclonal [2] to CAPZA1
<b>Host species</b>	Mouse
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P, WB, ELISA
<b>Species reactivity</b>	<b>Reacts with:</b> Human, Recombinant fragment
<b>Immunogen</b>	Recombinant full length protein (Human) expressed in E.coli.

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: 0.02% Proclin Constituents: Tris HCl, Sodium citrate, pH 7.0
<b>Purity</b>	Protein G purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	2
<b>Isotype</b>	IgG1

### Applications

Our [Abpromise guarantee](#) covers the use of **ab67339** in the following tested applications.

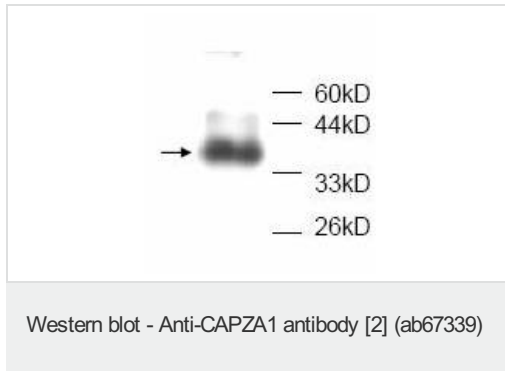
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		Use at an assay dependent concentration.
WB		1/1000. Detects a band of approximately 36 kDa (predicted molecular weight: 33 kDa).
ELISA		Use at an assay dependent concentration.

## Target

<b>Function</b>	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.
<b>Sequence similarities</b>	Belongs to the F-actin-capping protein alpha subunit family.
<b>Cellular localization</b>	Cytoplasm > cytoskeleton.

## Images



Anti-CAPZA1 antibody [2] (ab67339) at  
1/1000 dilution + Human recombinant  
CAPZA1 protein

**Predicted band size:** 33 kDa

**Observed band size:** 40 kDa

The observed protein size may not correspond to the predicted molecular weight as a recombinant protein was used for the test lane.

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