

Product datasheet

Anti-CAPZA1 antibody [2] ab67339

1 Image

Overview

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

Properties

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

Applications

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

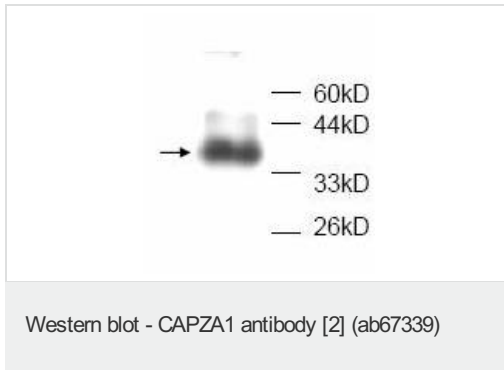
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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

Function	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.
Sequence similarities	Belongs to the F-actin-capping protein alpha subunit family.
Cellular localization	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

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