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Datasheet for ABIN886331

## anti-CAPZA1 antibody (AA 201-286) (AbBy Fluor® 555)

### Overview

Quantity:	100 µL
Target:	CAPZA1
Binding Specificity:	AA 201-286
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CAPZA1 antibody is conjugated to AbBy Fluor® 555
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CAPZA1
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Cow,Pig,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	CAPZA1
Alternative Name:	CAPZA1 ( <a href="#">CAPZA1 Products</a> )

## Target Details

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Background: Synonyms: CAPZ, CAZ1, CAPPA1, F-actin-capping protein subunit alpha-1, CapZ alpha-1, CAPZA1

Background: F-actin-capping proteins bind in a Ca<sup>(2+)</sup>-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.

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Gene ID: 829

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UniProt: [P52907](#)

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

## Application Details

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Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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Storage: -20 °C

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Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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Expiry Date: 12 months