

Anti-Toca-1 antibody ab67310

[1 References](#) [1 Image](#)

Overview

Product name	Anti-Toca-1 antibody
Description	Rabbit polyclonal to Toca-1
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Mouse
Immunogen	Synthetic peptide corresponding to Human Toca-1 (C terminal). The immunogen is located within the last 50 amino acids (17 amino acid synthetic peptide) of TOCA-1. Database link: Q5T0N5
Positive control	WB: Mouse brain tissue lysate.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	pH: 7.2 Preservative: 0.02% Sodium azide Constituent: PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab67310 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
WB		Use a concentration of 1 µg/ml. Detects a band of approximately 50 kDa (predicted molecular weight: 70 kDa). This application is validated in mouse samples.

Target

Function

Required to coordinate membrane tubulation with reorganization of the actin cytoskeleton during endocytosis. May bind to lipids such as phosphatidylinositol 4,5-bisphosphate and phosphatidylserine and promote membrane invagination and the formation of tubules. Also promotes CDC42-induced actin polymerization by activating the WASL/N-WASP-WASPIP/WIP complex, the predominant form of WASL/N-WASP in cells. Actin polymerization may promote the fission of membrane tubules to form endocytic vesicles.

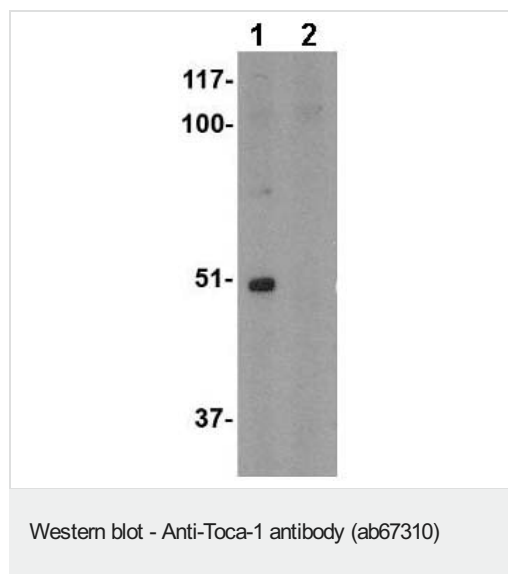
Sequence similarities

Belongs to the FBNP1 family.
Contains 1 FCH domain.
Contains 1 REM (Hr1) repeat.
Contains 1 SH3 domain.

Cellular localization

Cytoplasm. Cytoplasm > cytoskeleton. Cytoplasm > cell cortex. Cytoplasmic vesicle. Cell membrane.

Images



All lanes : Anti-Toca-1 antibody (ab67310) at 1 µg/ml

Lane 1 : Mouse brain tissue lysate with no blocking peptide

Lane 2 : Mouse brain tissue lysate with blocking peptide

Lysates/proteins at 15 µg per lane.

Predicted band size: 70 kDa

Observed band size: 50 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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