


Product datasheet

Anti-Coronin 1a/TACO antibody ab72212

[3 References](#) [3 Images](#)

Overview

Product name	Anti-Coronin 1a/TACO antibody
Description	Rabbit polyclonal to Coronin 1a/TACO
Host species	Rabbit
Tested applications	Suitable for: WB, IP, IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Horse, Cow, Dog, Pig, Chimpanzee, Rhesus monkey, Gorilla, Orangutan, Bat, Elephant 
Immunogen	Synthetic peptide corresponding to Human Coronin 1a/TACO.
Positive control	Jurkat whole cell lysate (ab7899)
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. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 6.8 Preservative: 0.09% Sodium azide Constituents: 0.1% BSA, Tris buffered saline
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab72212 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		1/2000 - 1/10000. Detects a band of approximately 55 kDa (predicted molecular weight: 51 kDa).
IP		Use at 2-5 µg/mg of lysate.
IHC-P		1/200 - 1/1000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

Function

May be a crucial component of the cytoskeleton of highly motile cells, functioning both in the invagination of large pieces of plasma membrane, as well as in forming protrusions of the plasma membrane involved in cell locomotion. In mycobacteria-infected cells, its retention on the phagosomal membrane prevents fusion between phagosomes and lysosomes.

Tissue specificity

Expressed in brain, thymus, spleen, bone marrow and lymph node. Low in lung and gut.

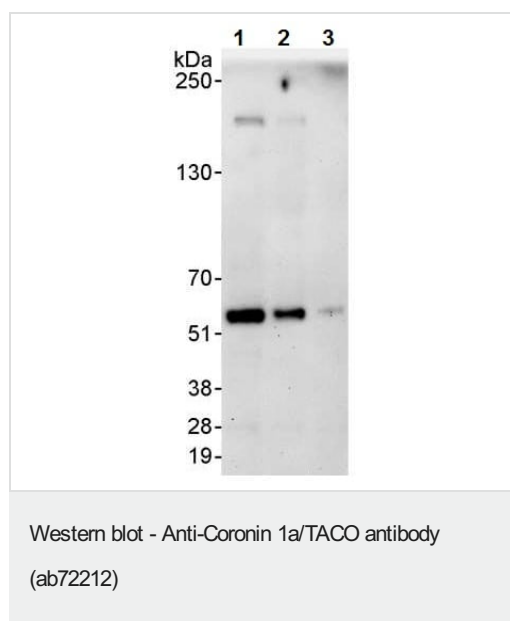
Sequence similarities

Belongs to the WD repeat coronin family.
Contains 7 WD repeats.

Cellular localization

Cytoplasm > cytoskeleton. Cytoplasm > cell cortex. Cytoplasmic vesicle > phagosome membrane. In non-infected macrophages, associated with the cortical microtubule network. In mycobacteria-infected macrophages, becomes progressively relocalized and retained around the mycobacterial phagosomes. Retention on the phagosomal membrane is strictly dependent on mycobacterial viability and not due to impaired acidification.

Images



All lanes : Anti-Coronin 1a/TACO antibody (ab72212) at 0.04 µg/ml

Lane 1 : Jurkat whole cell lysate at 50 µg

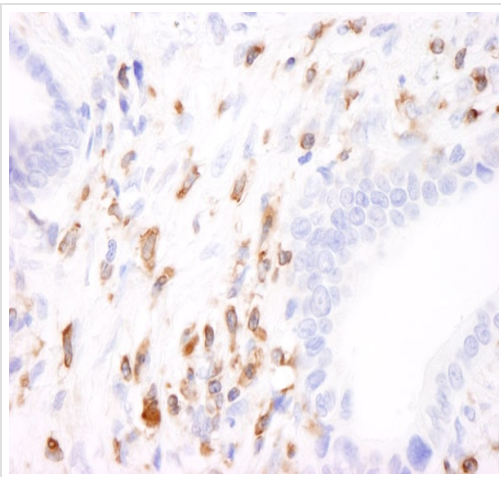
Lane 2 : Jurkat whole cell lysate at 15 µg

Lane 3 : Jurkat whole cell lysate at 5 µg

Developed using the ECL technique.

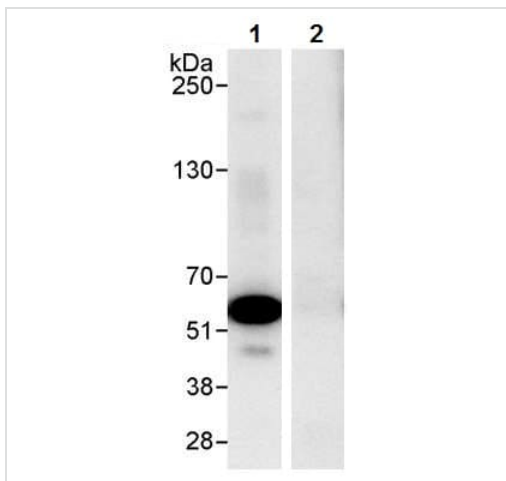
Predicted band size: 51 kDa

Exposure time: 3 minutes



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Coronin 1a/TACO antibody (ab72212)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human stomach carcinoma tissue labelling Coronin 1a/TACO with ab72212 at 1/1000 (0.2µg/ml). Detection: DAB.



Immunoprecipitation - Anti-Coronin 1a/TACO antibody (ab72212)

Immunoprecipitation analysis of Jurkat whole cell lysate (1 mg for IP, 20% of IP loaded). ab72212 used for IP at 3 µg/mg lysate and for WB at 1 µg/ml. Lane 1 - ab72212 IP. Lane 2 - control IgG.

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

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