

Datasheet for ABIN2780827
anti-Coronin 1a antibody (C-Term)



[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	Coronin 1a (CORO1A)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Horse, Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Coronin 1a antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human CORO1A
Sequence:	ELRVNRGLDT GRRRAAPEAS GTPSSDAVSR LEEEMRKLQA TVQELQKRLD
Predicted Reactivity:	Cow: 93%, Dog: 93%, Horse: 100%, Human: 100%, Mouse: 77%, Pig: 90%, Rabbit: 79%, Rat: 83%
Characteristics:	This is a rabbit polyclonal antibody against CORO1A. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	Coronin 1a (CORO1A)
---------	---------------------

Target Details

Alternative Name:	COR01A (COR01A Products)
Background:	<p>COR01A is a novel actin-binding protein with a WD repeat and a leucine zipper motif. COR01A forms homodimers, that the association is mediated by the leucine zipper structure in the C-terminal region, and that it plays a role in the cross-linking of F-actin in the cell. The leukocyte plasma membrane associates with the actin cytoskeleton through COR01A. Downregulation of COR01A gene transcription restricts entry/survival of mycobacteria within macrophages</p> <p>Alias Symbols: p57, TACO, CLABP, HCOR01, CLIPINA</p> <p>Protein Interaction Partner: FSD2, GOLGA2, UBC, YTHDC1, SPATA20, POT1, TAB1, GIT2, POLR1C, STAT3, SMARCD1, MAGOH, SMAD3, LMO2, FHL3, FMNL1, NCF4, THBS1, ACTB, DKK1, UBE2G2,</p> <p>Protein Size: 461</p>
Molecular Weight:	51 kDa
Gene ID:	11151
NCBI Accession:	NM_007074 , NP_009005
UniProt:	Q2YD73
Pathways:	Regulation of Actin Filament Polymerization

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 461 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

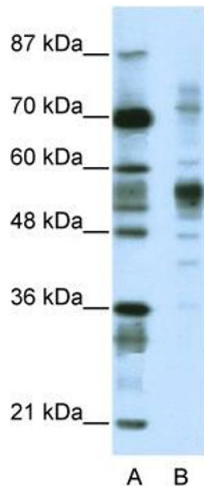
Handling

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

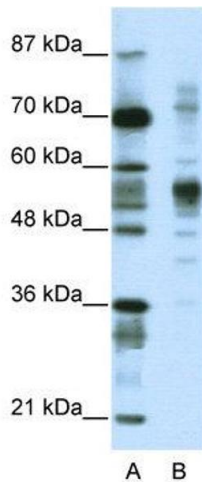
Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-COR01A Antibody Titration: 1.25ug/ml ELISA Titer: 1:62500 Positive Control: Jurkat cell lysate COR01A is supported by BioGPS gene expression data to be expressed in Jurkat



Western Blotting

Image 2. WB Suggested Anti-COR01A Antibody Titration: 1.25 µg/mL ELISA Titer: 1:62500 Positive Control: Jurkat cell lysate COR01A is supported by BioGPS gene expression data to be expressed in Jurkat