

Datasheet for ABIN2856372  
**anti-Coronin 1a antibody (C-Term)**

## 3 Images

[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	Coronin 1a (CORO1A)
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

## Product Details

Immunogen:	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human Coronin 1A. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Rabbit Polyclonal antibody to Coronin 1A (coronin, actin binding protein, 1A) Coronin 1A antibody [C3], C-term
Purification:	Purified by antigen-affinity chromatography.

## Target Details

Target:	Coronin 1a (CORO1A)
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## Target Details

Alternative Name:	coronin 1A ( <a href="#">CORO1A Products</a> )
Background:	<p>This gene encodes a member of the WD repeat protein family. WD repeats are minimally conserved regions of approximately 40 amino acids typically bracketed by gly-his and trp-aspartate (GH-WD), which may facilitate formation of heterotrimeric or multiprotein complexes. Members of this family are involved in a variety of cellular processes, including cell cycle progression, signal transduction, apoptosis, and gene regulation. Alternative splicing results in multiple transcript variants. A related pseudogene has been defined on chromosome 16.</p> <p>Cellular Localization: Cytoplasm , cytoskeleton , cell cortex , Cytoplasmic vesicle , phagosome membrane</p>
Molecular Weight:	51 kDa
Gene ID:	11151
UniProt:	<a href="#">P31146</a>
Pathways:	<a href="#">Regulation of Actin Filament Polymerization</a>

## Application Details

Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. IHC-Fr: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: U87-MG , SK-N-SH , IMR32 , SK-N-AS
Restrictions:	For Research Use only

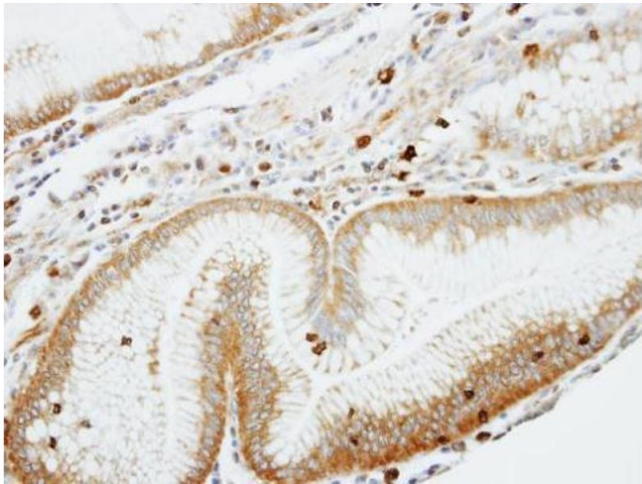
## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	0.1M Tris-Glycine ( pH 7), 10 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C

Handling

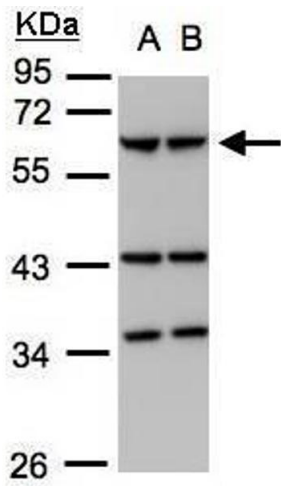
Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Validation report #101762 for Western Blotting (WB)



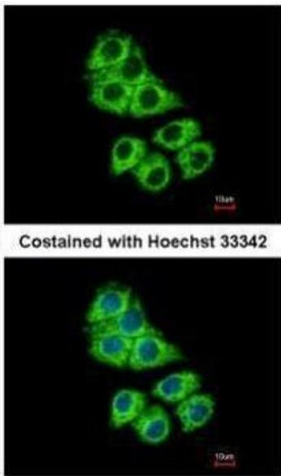
**Immunohistochemistry**

**Image 1.** IHC-P Image Immunohistochemical analysis of paraffin-embedded human gastric cancer, using Coronin 1A, antibody at 1:100 dilution.



**Western Blotting**

**Image 2.** WB Image Sample (30µg whole cell lysate) A:293T B:A431, 7.5% SDS PAGE antibody diluted at 1:1000



**Immunofluorescence**

**Image 3.** ICC/IF Image Immunofluorescence analysis of methanol-fixed Hep G2, using Coronin 1A, antibody at 1:500 dilution.