

Datasheet for ABIN930986

anti-ACIN1 antibody**2** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	ACIN1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ACIN1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunocytochemistry (ICC), Dot Blot (DB)

Product Details

Immunogen:	ACIN1 antibody was raised in mouse using recombinant Human Apoptotic Chromatin Condensation Inducer 1 (Acin1)
Clone:	2005C3a
Isotype:	IgG1
Cross-Reactivity:	Human
Cross-Reactivity (Details):	Other species not studied.
Purification:	Protein G affinity chromatography

Target Details

Target:	ACIN1
Alternative Name:	ACIN1 (ACIN1 Products)

Target Details

Background: ACIN1 is a component of a splicing-dependent multiprotein exon junction complex (EJC) deposited at splice junction on mRNAs. The EJC is a dynamic structure consisting of a few core proteins and several more peripheral nuclear and cytoplasmic associated factors that join the complex only transiently either during EJC assembly or during subsequent mRNA metabolism. Induces apoptotic chromatin condensation after activation by CASP3. Synonyms: Monoclonal ACIN1 antibody, Anti-ACIN1 antibody, Apoptotic chromatin condensation inducer 1 antibody, ACN antibody, ACINUS antibody, KIAA0670 antibody, DKFZp667N107 antibody.

Application Details

Application Notes: WB: 0.2-2 µg/mL, ICC: 2-100 µg/mL
Optimal conditions should be determined by the investigator.

Restrictions: For Research Use only

Handling

Concentration: Lot specific

Buffer: ACIN1 antibody in PBS (3.0 mM KCl, 1.5 mM KH₂ PO₄, 140 mM NaCl, 8.0 mM Na₂ HPO₄ (pH 7.4)) containing 1 % bovine serum albumin (BSA) and 0.05 % sodium azide (NaN₃).

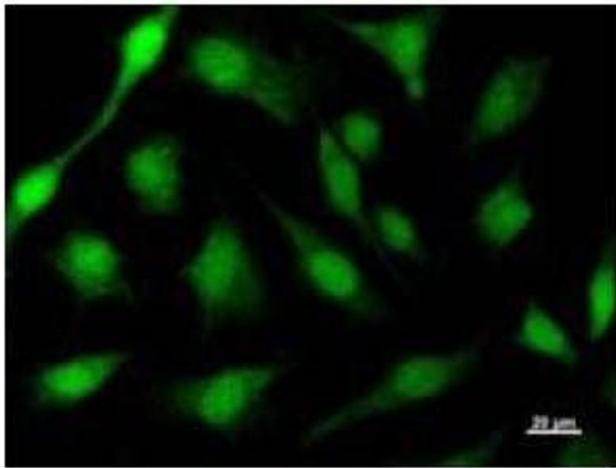
Preservative: Sodium azide

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

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

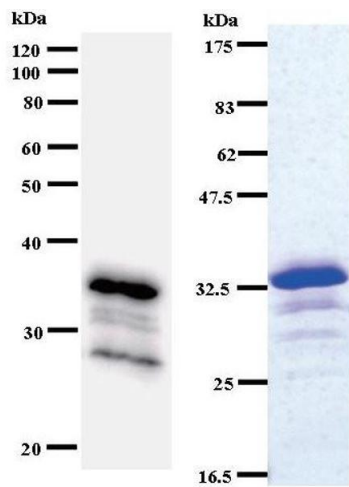
Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for up to one year. We recommend long term storage at -20 °C.



Immunofluorescence

Image 1. Immunostaining analysis in HeLa cells. HeLa cells were fixed with 4% paraformaldehyde and permeabilized with 0.01% Triton-X100 in PBS. The cells were immunostained with anti-ACIN1 antibody.



Western Blotting

Image 2. Left: ACIN1 staining. Right: Coomassie Blue staining of immunized recombinant protein.