antibodies -online.com







anti-ACIN1 antibody





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Quantity:	100 μL	
Target:	ACIN1	
Reactivity:	Human, Mouse, Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This ACIN1 antibody is un-conjugated	
Application:	Western Blotting (WB), ELISA	

Product Details

Immunogen:	A synthesized peptide derived from human ACINU	
Isotype:	IgG	
Specificity:	ACINU Antibody detects endogenous levels of total ACINU	
Cross-Reactivity:	Human, Mouse (Murine), Rat (Rattus)	
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink TM Coupling	
	Resin (Thermo Fisher Scientific).	

Target Details

Target:	ACIN1
Alternative Name:	ACINU (ACIN1 Products)
Background:	Description: Auxiliary component of the splicing-dependent multiprotein exon junction complex

(EJC) deposited at splice junction on mRNAs. The EJC is a dynamic structure consisting of core proteins and several peripheral nuclear and cytoplasmic associated factors that join the complex only transiently either during EJC assembly or during subsequent mRNA metabolism. Component of the ASAP complexes which bind RNA in a sequence-independent manner and are proposed to be recruited to the EJC prior to or during the splicing process and to regulate specific excision of introns in specific transcription subsets, ACIN1 confers RNA-binding to the complex. The ASAP complex can inhibit RNA processing during in vitro splicing reactions. The ASAP complex promotes apoptosis and is disassembled after induction of apoptosis. Involved in the splicing modulation of BCL2L1/Bcl-X (and probably other apoptotic genes), specifically inhibits formation of proapoptotic isoforms such as Bcl-X(S), the activity is different from the established EJC assembly and function. Induces apoptotic chromatin condensation after activation by CASP3. Regulates cyclin A1, but not cyclin A2, expression in leukemia cells.

Gene: ACIN1

Molecular Weight:

152 kDa

Gene ID:

22985

UniProt:

Q9UKV3

Application Details

Application Notes: WB 1:1000-3000

Restrictions: For Research Use only

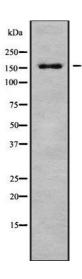
Handling

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Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline, pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C.Stable for 12 months from date of receipt

Expiry Date:

12 months

Images



Western Blotting

Image 1. Western blot analysis of ACINU using COS7 whole cell lysates