



# ACINU Polyclonal Antibody

<b>Catalog No</b>	BYab-05174
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	ACIN1 ACINUS KIAA0670
<b>Protein Name</b>	Apoptotic chromatin condensation inducer in the nucleus (Acinus)
<b>Immunogen</b>	Synthesized peptide derived from human protein . at AA range: 1250-1330
<b>Specificity</b>	ACINU Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	147kD
<b>Cell Pathway</b>	Nucleus. Nucleus speckle. Nucleus, nucleoplasm. Phosphorylation on Ser-1180 by SRPK2 redistributes it from the nuclear speckles to the nucleoplasm.
<b>Tissue Specificity</b>	Ubiquitous. The Ser-1180 phosphorylated form (by SRPK2) is highly expressed and phosphorylated in patients with myeloid hematologic malignancies.
<b>Function</b>	function:Induces apoptotic chromatin condensation after activation by CASP3.,PTM:Undergoes proteolytic cleavage; the processed form is active, contrary to the uncleaved form.,similarity:Contains 1 SAP domain.,subunit:Interacts with API5.,tissue specificity:Ubiquitous.,
<b>Background</b>	Apoptosis is defined by several morphologic nuclear changes, including chromatin condensation and nuclear fragmentation. This gene encodes a nuclear protein that induces apoptotic chromatin condensation after activation by caspase-3, without inducing DNA fragmentation. This protein has also been shown to be a component of a splicing-dependent multiprotein exon junction complex (EJC) that is deposited at splice junctions on mRNAs, as a consequence of pre-mRNA splicing. It may thus be involved in mRNA metabolism associated

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with splicing. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Oct 2011],

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**