



ACINU Polyclonal Antibody

Catalog No	YP-Ab-05174
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	ACIN1 ACINUS KIAA0670
Protein Name	Apoptotic chromatin condensation inducer in the nucleus (Acinus)
Immunogen	Synthesized peptide derived from human protein . at AA range: 1250-1330
Specificity	ACINU Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	147kD
Cell Pathway	Nucleus. Nucleus speckle. Nucleus, nucleoplasm. Phosphorylation on Ser-1180 by SRPK2 redistributes it from the nuclear speckles to the nucleoplasm.
Tissue Specificity	Ubiquitous. The Ser-1180 phosphorylated form (by SRPK2) is highly expressed and phosphorylated in patients with myeloid hematologic malignancies.
Function	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.,
Background	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 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