

## ACIN1

**Reactivity:** Human Mouse Rat

**Tested applications:** WB

**Recommended Dilution:** WB 1:500 - 1:2000

**Calculated MW:** 152kDa

**Observed MW:** Refer to figures

**Immunogen:**

A synthetic peptide of human ACIN1

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

ACN; ACINUS; fSAP152;

**Catalog #:** A2807

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 22985

**Isotype:** IgG

**Swiss Prot:** Q9UKV3

**Purity:** Affinity purification

For research use only.

**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.

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