# Anti-ACIN1 antibody

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|---|---|
| **Cat. No.** | ml261222 |
| **Package** | 25 μl/100 μl/200 μl |
| **Storage** | -20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol |

**Product overview**

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|---|---|
| **Description** | Anti-ACIN1 rabbit polyclonal antibody |
| **Applications** | ELISA, IHC |
| **Immunogen** | Synthetic peptide of human ACIN1 |
| **Reactivity** | Human, Mouse |
| **Content** | 0.6 mg/ml |
| **Host species** | Rabbit |
| **Ig class** | Immunogen-specific rabbit IgG |
| **Purification** | Antigen affinity purification |

**Target information**

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|---|---|
| **Symbol** | ACIN1 |
| **Full name** | apoptotic chromatin condensation inducer 1 |
| **Synonyms** | ACN; ACINUS; fSAP152 |
| **Swissprot** | Q9UKV3 |

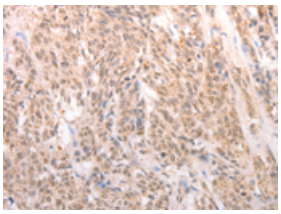
**Target Background**

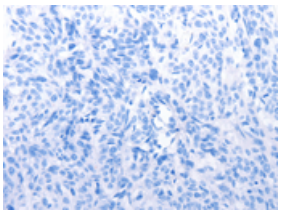
Apoptosis is defined by several morphologic nuclear changes, including chromatin condensation and nuclear fragmentation. This gene encodes a nuclear protein that induces apoptotic chromatin condensation after activation by caspase-3, without inducing DNA fragmentation. This protein has also been shown 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.

**Applications**

**Immunohistochemistry**

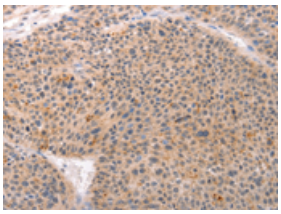
Predicted cell location: Nucleus, Cytoplasm
Positive control: Human liver cancer
Recommended dilution: 100-300

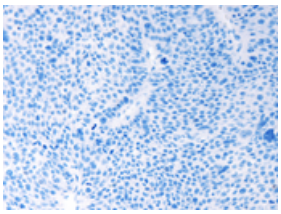




The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml261222(ACIN1 Antibody) at dilution 1/80, on the right is treated with synthetic peptide. (Original magnification: ×200)

Predicted cell location: Nucleus, Cytoplasm
Positive control: Human esophagus cancer
Recommended dilution: 100-300





The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using ml261222(ACIN1 Antibody) at dilution 1/80, on the right is treated with synthetic peptide. (Original magnification: ×200)

**ELISA**

Recommended dilution: 2000-10000

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