

Rabbit anti-Human Acinus Polyclonal Antibody | anti-ACIN1 antibody

Acinus Antibody

CATALOG # AAA39473	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Immunocytochemistry, Western Blot, ELISA
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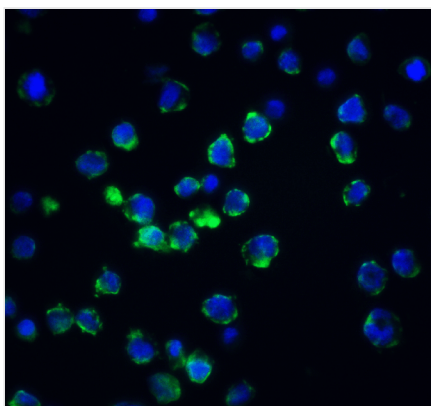
PRODUCT SYNONYMS

Acinus; Polyclonal Antibody; Acinus Antibody; ACN; ACINUS; fSAP152; KIAA0670; Apoptotic chromatin condensation inducer in the nucleus; apoptotic chromatin condensation inducer 1; anti-ACIN1 antibody

PRODUCT SPECIFICATIONS

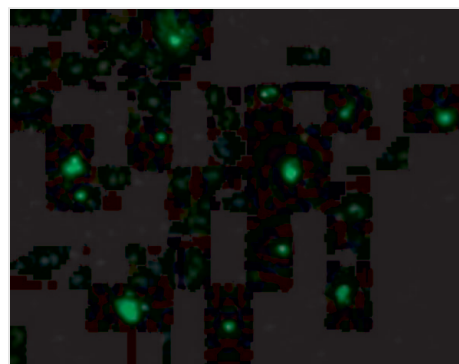
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Acinus Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Sequence Length	1341
Applicable Applications for anti-ACIN1 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	Acinus antibody was raised against a peptide corresponding to amino acids near the C-terminus of the cleaved active peptide p17, which are identical to those of mouse Acinus.
Buffer	Acinus Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	Acinus antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



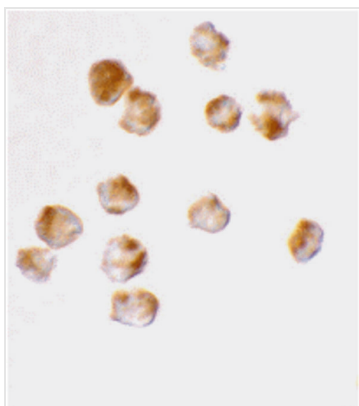
IF (Immunofluorescence)

Immunofluorescence of Acinus in K562 cells with Acinus antibody at 20 μg/ml.Green: Acinus Antibody (2215)Blue: DAPI staining



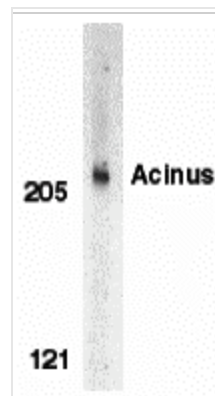
IF (Immunofluorescence)

Immunofluorescence of Acinus in HeLa cells with Acinus antibody at 10 μg/mL.



ICC (Immunocytochemistry)

Immunocytochemistry staining of K562 cells using Acinus antibody at 10 µg/mL.



WB (Western Blot)

Western blot analysis of Acinus in K562 whole cell lysate with Acinus antibody (CP) at 1 µg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-ACIN1 antibody

Acinus Antibody: Chromatin condensation and nuclear fragmentation (CCNF) is the hallmark of apoptosis. CCNF is triggered by the activation of members of caspase family, caspase activated DNase (CAD/DFF40), and several novel proteins including AIF and CIDE. A new inducer of chromatin condensation was recently identified and designated Acinus (for apoptotic chromatin condensation inducer in the nucleus). Acinus is cleaved by caspase-3 and an additional unknown protease generating a small active peptide p17, which causes chromatin condensation in vitro when it is added to purified nuclei. Acinus also induces apoptotic chromatin condensation in cells. Acinus is ubiquitously expressed. Three different spliced forms of Acinus have been identified in human and mouse and designated AcinusL, AcinusS and AcinusS'.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5931959
NCBI GeneID	22985
UniProt Accession #	Q9UKV3; Q75158; Q9UG91; Q9UKV1; Q9UKV2; B2RTT4; D3DS45
Molecular Weight	220 kDa
NCBI Official Full Name	acinusL
NCBI Official Synonym Full Names	apoptotic chromatin condensation inducer 1
NCBI Official Symbol	ACIN1
NCBI Official Synonym Symbols	ACN; ACINUS; fSAP152
NCBI Protein Information	apoptotic chromatin condensation inducer in the nucleus; functional spliceosome-associated protein 152
UniProt Protein Name	Apoptotic chromatin condensation inducer in the nucleus
UniProt Gene Name	ACIN1
UniProt Synonym Gene Names	ACINUS; KIAA0670; Acinus
UniProt Entry Name	ACINU_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/acinus-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/39473>