

Datasheet for ABIN1105223
anti-ACIN1 antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	0.1 mg
Target:	ACIN1
Binding Specificity:	AA 1-523, N-Term
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ACIN1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Immunogen:	GST-human AcinusL fusion protein corresponding to N-terminal amino acids (1~523 a.a.)
Clone:	3H8
Isotype:	IgG1
Specificity:	This antibody reacts with AcinusL.
Cross-Reactivity (Details):	Species reactivity (tested): Human. Does not react with mouse (WR19L, NIH3T3) or hamster (CHO).
Purification:	Protein A agarose beads

Target Details

Target:	ACIN1
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Target Details

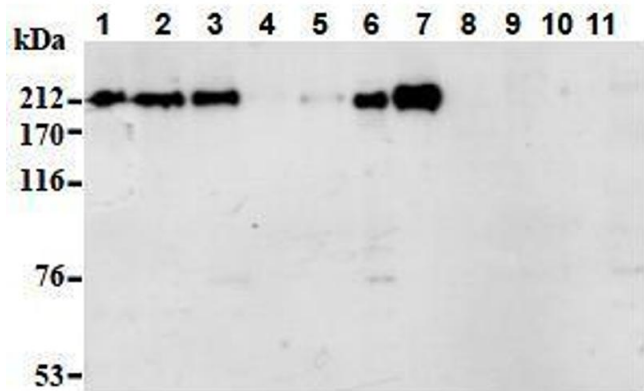
Alternative Name:	Acinus / ACIN1 (ACIN1 Products)
Background:	Chromatin condensation and nuclear fragmentation (CCNF) are hallmarks of apoptosis. CCNF is triggered by the activation of members of the caspase family, caspase-activated DNase (CAD/DFF40) and several novel proteins including AIF and CIDE. A new inducer of chromatin condensation was recently identified and designated Acinus (Apoptotic Chromatin Condensation Inducer in the Nucleus). The 220 kDa Acinus protein is cleaved by caspase-3 and an additional unknown protease to generate a 17 kDa peptide that which causes chromatin condensation in vitro when added to purified nuclei. Acinus also induces apoptotic chromatin condensation in cells. Three different spliced forms of Acinus have been identified in human and mouse and designated AcinusL, AcinusS, and AcinusS'. Acinus is ubiquitously expressed.Synonyms: Apoptotic chromatin condensation inducer in the nucleus, KIAA0670
Molecular Weight:	220 kDa
Gene ID:	22985
NCBI Accession:	NP_001158286
UniProt:	Q9UKV3

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

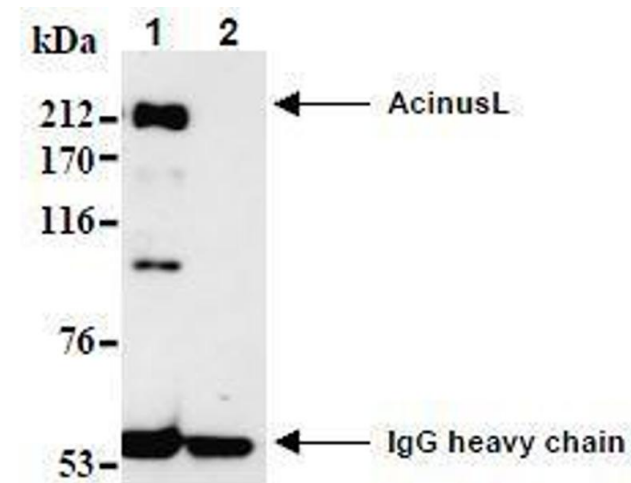
Handling

Concentration:	1.0 mg/mL
Buffer:	PBS containing 50 % glycerol, pH 7.2. Contains no preservatives.
Preservative:	Without preservative
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store (in aliquots) at -20 °C.



Western Blotting

Image 1.



Western Blotting

Image 2.