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Datasheet for ABIN6990315 **anti-ACIN1 antibody (C-Term)**

Overview

Quantity:	0.1 mg
Target:	ACIN1
Binding Specificity:	AA 1050-1100, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACIN1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

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. The immunogen is located within amino acids 1050 - 1100 of Acinus.
Isotype:	IgG
Purification:	Acinus Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	ACIN1
Alternative Name:	Acinus (ACIN1 Products)
Background:	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

Target Details

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'.

Molecular Weight: 220 kDa

Gene ID: 22985

UniProt: [Q9UKV3](#)

Application Details

Application Notes: Acinus antibody can be used for detection of Acinus by Western blot at 1 µg/mL. An approximate 220 kDa band can be detected. Antibody can also be used for immunocytochemistry starting at 10 µg/mL. For immunofluorescence start at 10 µg/mL.

Antibody validated: Western Blot in human samples, Immunocytochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: Acinus Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: Acinus antibody can be stored at 4°C for three months and -20°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.