

Product datasheet for **TA306020**

Acinus (ACIN1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, ICC, IF, WB
Recommended Dilution:	Acinus antibody can be used for detection of Acinus by Western blot at 1 µg/mL. A 220 kDa band can be detected. Antibody can also be used for immunocytochemistry starting at 5 µg/mL. For immunofluorescence start at 20 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.
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Acinus antibody was raised against a 35 amino acid peptide near the center of human Acinus. The immunogen is located within amino acids 760 - 810 of Acinus.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	Acinus Antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	apoptotic chromatin condensation inducer 1
Database Link:	AAD56724 Entrez Gene 22985 Human Q9UKV3



[View online »](#)

Background:	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' (2).
Synonyms:	ACINUS; ACN; fSAP152