

Acinus (Phospho-S1180) polyclonal antibody

Catalog: BS64570

Host: Rabbit

Reactivity: Human, Mouse, Rat

Background:

Acinus (apoptotic chromatin condensation inducer in the nucleus) is a caspase substrate that has been implicated in nuclear changes during apoptosis. Chromatin condensation and DNA fragmentation are both nuclear morphological features associated with apoptosis. Acinus is expressed in different isoforms (L, S, S') most likely generated by alternative splicing. During apoptosis Acinus is cleaved by caspase-3 to generate a 23 kDa fragment that was reported to induce chromatin condensation. Acinus has been identified to be a component of the spliceosome complex, ASAP, suggesting a role in pre-mRNA processing. Down regulation of Acinus by RNA interference inhibits cell growth (5). This study also found that loss of Acinus inhibits DNA fragmentation but not chromatin condensation during apoptosis.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 210 kDa

Swiss-Prot:

Q9UKV3/O95104/Q8TF01/Q14498

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB:1:500~1:1000

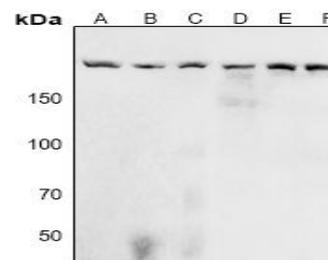
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Acinus (Phospho-S1180) polyclonal antibody detects endogenous levels of Acinus protein only when phosphorylated at Ser1180.

DATA:



Western blot (WB) analysis of Acinus (Phospho-S1180) polyclonal antibody at 1:500 dilution

LaneA:A549 whole cell lysate

LaneB:Hela whole cell lysate

LaneC:Jurkat whole cell lysate

LaneD:NIH3T3 whole cell lysate

LaneE:H9C2 whole cell lysate

LaneF:PC12 whole cell lysate

Note:

For research use only, not for use in diagnostic procedure.

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