

Anti-Acinus (IN) Antibody

ORDERING INFORMATION

Catalog No.: 2219

Size: 100ug IgG in PBS, pH 7.4, purified by immunoaffinity chromatography.

BACKGROUND

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 protease to generate 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 are designated AcinusL, AcinusS, and AcinusS'.

SPECIFICATION SUMMARY

Antigen: Peptide corresponding to aa 775-789 of human AcinusL, aa 17-31 of human Acinus S and aa 48-62 of human AcinusS' which differ from those of mouse Acinus by one amino acid.

Host Species: Rabbit

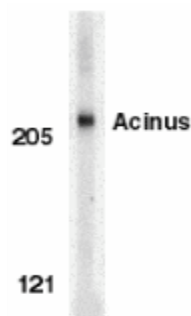
Preservatives: 0.02% sodium azide.

SPECIFICITY

This antibody recognizes human and mouse Acinus (220 kD).

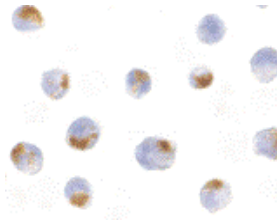
APPLICATIONS

Immunoblotting: use at 1-10ug/ml



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

Immunocytochemistry: use at 5-10ug/ml.



Immunocytochemical staining of K562 cells using Acinus antibody at 5µg/ml.

These are recommended concentrations.

Enduser should determine optimal concentrations for their applications.

Positive control: K562 cells or whole cell lysate.

DILUTION INSTRUCTIONS

Dilute in PBS or medium which is identical to that used in the assay system.

STORAGE AND STABILITY

This antibody is stable for at least one (1) year at -20°C. Avoid multiple freeze-thaw cycles.

For in vitro investigational use only. Not for use in therapeutic or diagnostic procedures.