

Anti-ICAD (CT) Antibody

ORDERING INFORMATION

Catalog No.: 2424

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

BACKGROUND

A human DNA fragmentation factor (DFF) that is cleaved by caspase-3 during apoptosis has been identified. The mouse homologue of human DFF was identified as a DNase inhibitor and was designated ICAD (inhibitor of caspase-activated DNase). Upon cleavage of DFF/ICAD, a caspase activated deoxyribonuclease (CAD) is released and activated and eventually causes the degradation of DNA in nuclei. Therefore, cleavage of CAD inhibitor molecule DFF/ICAD, which causes DNase activation and DNA degradation, is a hallmark of apoptotic cell death.

SPECIFICATION SUMMARY

Antigen: Peptide corresponding to aa 312-331 at the C-terminus of mouse ICAD (accession no.O54786).

Host Species: Rabbit

Stabilizers: None

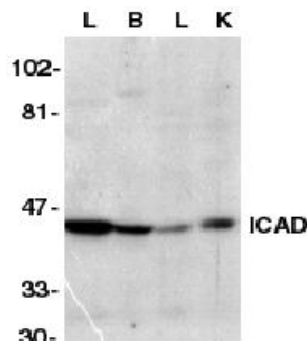
Preservatives: 0.02% sodium azide.

SPECIFICITY

This antibody recognizes non-cleaved (45kDa) and cleaved mouse ICAD.

APPLICATIONS

Immunoblotting : use at 1ug/ml.



Western blot analysis of ICAD in murine lung (L), brain (B), liver (L), and kidney tissue lysate with anti-ICAD (CT) at 1ug/ml.

Positive control: Mouse lung tissue lysate.

These are recommended concentrations. Enduser should determine optimal concentrations for their applications.

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.