

## Anti-CAD (CT) Antibody

### ORDERING INFORMATION

**Catalog No.:** 2011

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

### BACKGROUND

Cell death signals are transduced by death domain-containing adapter molecules and members of the caspase family of proteases. These death signals finally cause the degradation of chromosomal DNA by activated DNase. A mouse DNase that causes DNA fragmentation was identified recently and designated CAD (caspase activated deoxyribonuclease). Activation of CAD/DFF40, which causes DNA degradation, is the hallmark of apoptotic cell death.

### SPECIFICATION SUMMARY

**Antigen:** Peptide corresponding to aa 314-329 of mouse CAD (accession no. O54788).

**Host Species:** Rabbit

**Stabilizers:** None

**Preservatives:** 0.02% sodium azide.

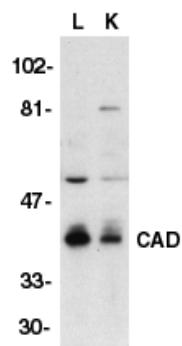
### SPECIFICITY

This antibody recognizes full-length mouse CAD (40kDa).

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

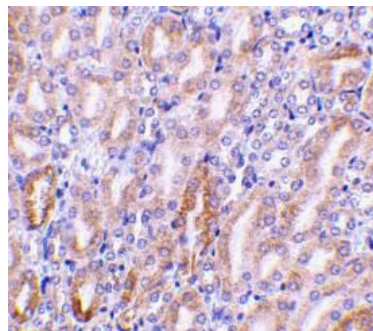
### APPLICATIONS

**Immunoblotting:** use at 1ug/ml.



Western blot analysis of CAD in murine lung (L) and kidney (K) tissue lysates with CAD antibody at 1µg/ml.

**Immunohistochemistry:** use at 1ug/ml.



Immunohistochemical staining of CAD in mouse kidney tissue with CAD antibody at 1µg/ml.

These are recommended concentrations.

Enduser should determine optimal concentrations for their applications.

**Positive control:** Mouse lung or spleen tissue 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.