

Anti-Caspase-8 Antibody

ORDERING INFORMATION

Catalog No.: 11026

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

BACKGROUND

Caspases are a family of cysteine proteases. Caspase-8 is an initiator caspase that was identified as a member of the Fas/APO-1 death-inducing signaling complex. The adaptor molecule FADD couples procaspase-8 to the Fas receptor death domain; subsequent oligomerization promotes procaspase-8 autoactivation. FLIP, a catalytically inactive caspase-8-like molecule inhibits these interactions and thus can inhibit apoptosis.

SPECIFICATION SUMMARY

Antigen: Synthetic peptide corresponding to 16 amino acids at the C-terminus of human Caspase-8 isoform A (accession no. NP_001219).

Host Species: Rabbit

Stabilizers: None

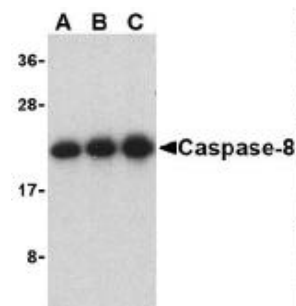
Preservatives: 0.02% sodium azide.

SPECIFICITY

This antibody recognizes human, mouse, and rat Caspase-8 (18kDa).

APPLICATIONS

Immunoblotting: use at 0.5-2ug/ml.



Western blot analysis of Caspase-8 in Jurkat cell lysate with Caspase-8 antibody at (A) 0.5, (B) 1, and (C) 2 µg/ml.

Positive control: Jurkat cell lysate.

Immunocytochemistry: use at 2ug/ml.



Immunocytochemical staining of Caspase-8 in Jurkat cells with Caspase-8 antibody at 2 µg/ml.

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.