

Anti-Caspase-9 (I16) Antibody

ORDERING INFORMATION

Catalog No.: 2417

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. Caspase-9 and Apaf-1 bind to each other, which leads to caspase-9 activation. Caspase-9 is also activated by granzyme B and CPP32. Activated caspase-9 cleaves and activates caspase-3, a protease responsible for proteolytic cleavage of many key proteins involved in apoptosis. Caspase-9 plays a central role in cell death induced by a wide variety of apoptosis inducers including TNF α , TRAIL, anti-CD95, FADD, and TRADD. Caspase-9 is expressed in a variety of human tissues.

SPECIFICATION SUMMARY

Antigen: Peptide corresponding to aa 41-56 of human caspase-9 (accession no. P55211).

Host Species: Rabbit

Stabilizers: None

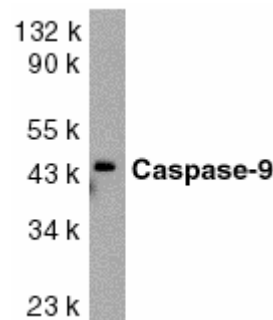
Preservatives: 0.02% sodium azide.

SPECIFICITY

This antibody recognizes full-length human caspase-9 (46kDa).

APPLICATIONS

Immunoblotting: use at 1ug/ml.



Western blot analysis of Caspase-9 in HeLa whole cell lysate with Caspase-9 antibody at 1ug/ml.

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

Positive control: Whole cell lysate from HeLa cells.

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.