

CIDEB polyclonal antibody

Catalog: BS61564

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

The DNA fragmentation factor (DFF) is involved in the caspase-3 apoptotic pathway. DFF is composed of two subunits, a 45 kDa subunit called DFF-45 (also designated ICAD, for inhibitor of CAD), and CPAN (caspase-activated nuclease), also designated CAD (caspase-activated deoxyribonuclease). CPAN is a DNase that is responsible for DNA degradation during apoptosis. CPAN is inhibited by DFF-45. Caspase-3 acts to dissociate CPAN from DFF-45, allowing CPAN to enter the nucleus and degrade DNA. CIDE-A and CIDE-B have been identified as proteins that share homology with the N-terminal region of DFF-45. Like CPAN, CIDE-A and CIDE-B promote cell death and DNA fragmentation and are inhibited by DFF-45.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.3.

Molecular Weight:

~ 28 kDa

Swiss-Prot:

Q9UHD4

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-

munogen and the purity is > 95% (by SDS-PAGE)

Applications:

WB: 1:500~1:1000

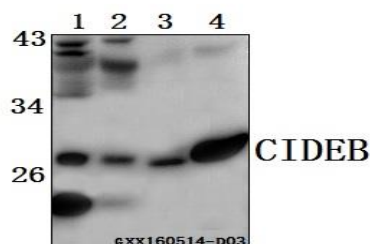
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

CIDEB polyclonal antibody detects endogenous levels of CIDEB protein.

DATA:



Western blot (WB) analysis of CIDEB polyclonal antibody at 1:500 dilution

Lane1:L02 whole cell lysate(40ug)

Lane2:SK-OVCAR3 whole cell lysate(40ug)

Lane3:The Spleen lysate of Mouse(40ug)

Lane4:The Spleen lysate of Rat(40ug)

Note:

For research use only, not for use in diagnostic procedure.

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