

Product Datasheet

Caspase 3 (Cleaved-Asp175) Antibody

Catalog No: AY0458

Reactivity: Human:D175,Mouse:D175,Rat:D175

Isotype: Rabbit IgG

Applications: WB,IHC



www.abways.com

Information

UniProt ID: P42574

All Names: Apopain precursor, CASP-3, CPP-32, CPP32, Caspase-3, Cysteine protease CPP32, ICE3, SCA-1, SREBP cleavage activity 1, Yama protein

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 17kDa

Application

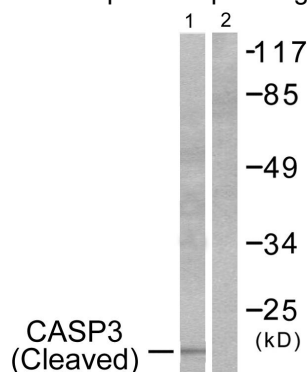
WB: 1:500~1:3000

IHC: 1:50~1:100

ELISA: 1:20000

Background

Caspase-3 (CPP-32, Apoptain, Yama, SCA-1) is a critical executioner of apoptosis, as it is either partially or totally responsible for the proteolytic cleavage of many key proteins, such as the nuclear enzyme poly (ADP-ribose) polymerase (PARP) (1). Activation of caspase-3 requires proteolytic processing of its inactive zymogen into activated p17 and p12 fragments.



Western blot analysis of extracts from 293 cells, treated with Etoposide (25uM, 60mins), using Caspase 3 (cleaved-Asp175) antibody.

For Research Use Only. Not For Use In Diagnostic Procedures.

www.abways.com