

Caspase-3 (D146) polyclonal antibody

Catalog: AP0367

Host: Rabbit

Reactivity: Human

BackGround:

Caspase-3 (CPP-32, Apopain, 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). Activation of caspase-3 requires proteolytic processing of its inactive zymogen into activated p17 and p12 fragments. Cleavage of caspase-3 requires the aspartic acid residue at the P1 position.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2.

Molecular Weight:

~ 33 kDa

Swiss-Prot:

P42574

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

IF: 1:50~200

Storage&Stability:

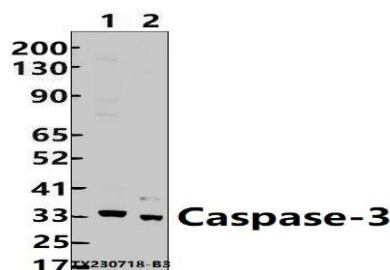
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Caspase-3 (D146) polyclonal antibody detects endoge-

nous levels of Caspase-3 protein.

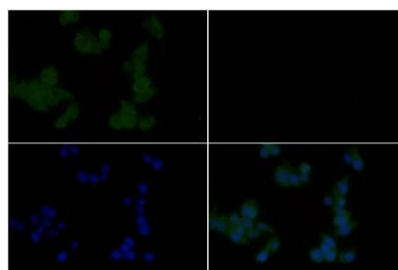
DATA:



Western blot (WB) analysis of Caspase-3 (D146) polyclonal antibody at 1:500 dilution

Lane1:MCF-7 whole cell lysate(30ug)

Lane2:L02 whole cell lysate(30ug)



Immunofluorescence analysis of MCF-7 cells using Caspase-3 (D146) pAb at dilution of 1:200 (40x lens).

Note:

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

Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: info@bioworld.com

Tel: 6123263284

Fax: 6122933841

Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: info@biogot.com

Tel: 0086-025-68037686

Fax: 0086-025-68035151