

Caspase-8 (T341) polyclonal antibody

Catalog: AP0358

Host: Rabbit

Reactivity: Human, Mouse, Rat

Background:

Caspases are cysteine proteases, expressed as inactive precursors, that mediate apoptosis by proteolysis of specific substrates. Caspases have the ability to cleave after aspartic acid residues. There are two classes of caspases involved in apoptosis; initiators (activation by receptor cluster) and effectors (activation by mitochondrial permeability transition). Proapoptotic signals autocatalytically activate initiator caspases, such as Caspase 8 and Caspase 9. Activated initiator caspases then process effector caspases, such as Caspase 3 and Caspase 7, which in turn cause cell collapse.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.2.

Molecular Weight:

~ 18, 38, 55 kDa

Swiss-Prot:

Q14790

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

IHC: 1:50~1:200

Storage&Stability:

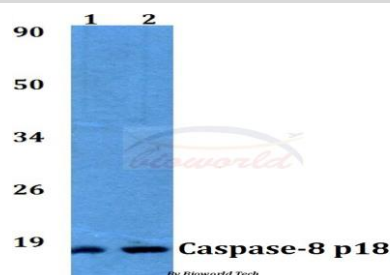
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Caspase 8 (T341) polyclonal antibody detects endogenous levels of full length caspase-8, the cleaved interme-

diate p43/p41 and the caspase-8 active fragment p18.

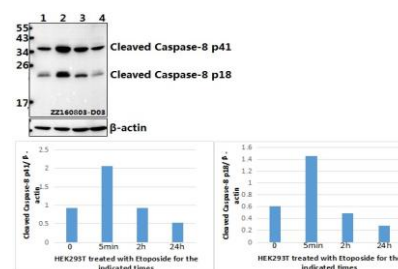
DATA:



Western blot (WB) analysis of Caspase-8 (T341) polyclonal antibody at 1:500 dilution

Lane1:sp2/0 cell lysate treated with colchicine(0.2ng/ml,15mins)

Lane2:H9C2 cell lysate with colchicine(0.2ng/ml,15mins)



Western blot (WB) analysis of Caspase 8 (T341) pAb at 1:500 dilution

Lane1:HEK293T whole cell lysate(40ug)

Lane2:HEK293T treated with Etoposide for 5min whole cell lysate(40ug)

Lane3:HEK293T treated with Etoposide for 2h whole cell lysate(40ug)

Lane4:HEK293T treated with Etoposide for 24h whole cell lysate(40ug)

Note:

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

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