

Caspase-8 (phospho-Y380) polyclonal antibody

Catalog: BS4662

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:

~ 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

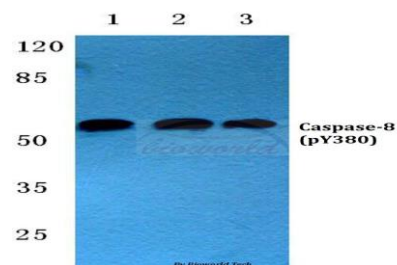
Storage&Stability:

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

Specificity:

p-Caspase 8 (Y380) polyclonal antibody detects endogenous levels of Caspase 8 protein only when phosphorylated at Tyr380.

DATA:



Western blot (WB) analysis of p-Caspase-8 (Y380) polyclonal antibody at 1:500 dilution

Lane1: HEK293T cell lysate treated with PMA(100nM, 15mins)

Lane2: Hela cell lysate treated with PMA(100nM, 15mins)

Lane3: H9C2 cell lysate treated with PMA(100nM, 15mins)

Note:

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

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