

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### p-Caspase-8 (S347) Peptide

Cat No.: BS4220P

#### 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.

#### Swiss-Prot

Q14790

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS4220 p-Caspase-8 (S347) pAb.

#### Purification & Purity

Synthetic peptide p-Caspase-8 (S347). (Note: the amino acid sequence is proprietary). The purity is > 98%.

#### Product

1 mg/ml in DI water.

#### Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term.

Avoid freeze-thaw cycles.

#### Research Use

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

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