Bioworld Technology CO., Ltd.

Separase (A795) Peptide

Cat No.: BS1710P

Background

Separase is a cysteine protease that triggers anaphase in all eukaryotes by participating in separation of sister chromatids during mitosis. Once activated, Separase hydrolyzes the SCC1 subunit of cohesin, the chromosomal protein complex responsible for sister chromatid cohesion. Separase and cohesin are highly conserved from yeasts to humans. When the cell is not dividing, Separase is prevented from cleaving cohesin through its association with another protein, securin. When anaphase is signaled, the securin is ubiquitinated and hydrolyzed by APC/cyclosome, releasing the active Separase. Separase is transiently activated between the two meioses and may also be involved in homolog separation.

Swiss-Prot

Q14674

Applications

Blocking

Specificity

This peptide can be used with studies using BS1710 Separase (A795) pAb.

Purification & Purity

Synthetic peptide Separase (A795). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

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

Research Use

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

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