

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



Rad21 (D548) Peptide

Cat No.: BS2422P

Background

Rad21 is one of the major cohesin subunits that holds sister chromatids together until anaphase, when proteolytic cleavage by separase, a caspase-like enzyme, allows chromosomal separation. Rad21 interacts with Rec8 to form a cohesin complex that functions in sister chromatid alignment. Rad21 is also involved in the repair of double-strand breaks in DNA and is essential for mitotic growth. Rad21 undergoes a C-terminal cleavage induced by diverse stimuli right before apoptosis. The cleavage product migrates to the cytoplasm and is involved in early events in the apoptotic pathway and it amplifies the cell death signal in a positive-feedback manner.

Swiss-Prot

O60216

Applications

Blocking

Specificity

This peptide can be used with studies using BS2422 Rad21 (D548) pAb.

Purification & Purity

Synthetic peptide Rad21 (D548). (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.