

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



Dio-1 (S186) Peptide

Cat No.: BS2533P

Background

Dio-1 (Death Inducer-Obliterator-1) is a putative transcription factor that contains two zinc finger motifs. Dio-1 translocates to the nucleus, and activates apoptosis during limb development. Programmed cell death, a highly regulated form of apoptosis, plays an important role in determining the amount of tissue, the shape, and the definition of each digit during limb development. Dio-1 expression is upregulated when an apoptotic signal is detected, and subsequently apoptosis is induced. This process is similar to the expression of NF κ B and NGF in response to external signals. Dio-1 expression is suppressed by caspase inhibitors and Bcl-2 expression. This supports the theory that Dio-1 functions in the onset of programmed cell death.

Swiss-Prot

Q9BTC0

Applications

Blocking

Specificity

This peptide can be used with studies using BS2533 Dio-1 (S186) pAb.

Purification & Purity

Synthetic peptide Dio-1 (S186). (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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