

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



AIF-M1 (Y85) Peptide

Cat No.: BS2407P

Background

Apoptosis is characterized by several morphological nuclear changes including chromatin condensation and nuclear fragmentation. These changes are triggered by the activation of members of caspase family, caspase activated DNase, and several novel proteins. A novel gene, the product of which causes chromatin condensation and DNA fragmentation, was recently identified, cloned, and designated apoptosis inducing factor (AIF). Like the critical molecules, cytochrome c and caspase 9, in apoptosis, AIF localizes in mitochondria. AIF translocates to the nucleus when apoptosis is induced and induces mitochondria to release the apoptogenic proteins cytochrome c and caspase 9. AIF induces chromatin condensation and large scale DNA fragmentation, which are the hallmarks of apoptosis, of the isolated nucleus and the nucleus in live cells by microinjection and apoptosis stimuli. AIF is highly conserved between human and mouse and widely expressed.

Swiss-Prot

O95831

Applications

Blocking

Specificity

This peptide can be used with studies using BS2407 AIF-M1 (Y85) pAb.

Purification & Purity

Synthetic peptide AIF-M1 (Y85). (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.

Bioworld Technology, Inc.
1660 South Highway 100, Suite 500 St. Louis Park, MN
55416, USA. Email: info@bioworlde.com
Tel: 6123263284 Fax: 6122933841

Bioworld technology, co, Ltd.
No 9, weidi road Qixia District Nanjing, 210046,
P, R.China. Email: info@biogot.com
Tel: +86-025-68037686 Fax: +86-025-68035151