

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



PHF3 (D2033) Peptide

Cat No.: BS9156P

Background

PHF3 (PHD finger protein 3) is a 2039 amino acid ubiquitously expressed protein that is phosphorylated upon DNA damage by either ATM or ATR. PHF3 contains a PHD finger motif, a pro-line-rich region, a TFIIS domain and two bipartite nuclear localization signals. Since these motifs are frequently found in proteins involved in transcription, PHF3 may function as a transcription factor. Expression of PHF3 is significantly reduced in anaplastic astrocytomas, glioblastomas and glioblastoma cell lines, suggesting that PHF3 plays a role as a tumor suppressor. Antibodies against PHF3 are present in some patients afflicted with glioblastoma multiforme and presence of the , correlates to significantly better survival rates. There are two isoforms of PHF3 that are produced as a result of alternative splicing events.

Swiss-Prot

Q92576

Applications

Blocking

Specificity

This peptide can be used with studies using BS9156 PHF3 (D2033) pAb.

Purification & Purity

Synthetic peptide PHF3 (D2033). (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.