

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



GBDR1 (R126) Peptide

Cat No.: BS9166P

Background

GBDR1 (glialblastoma cell differentiation-related protein 1), also known as UBAC1 (ubiquitin-associated domain-containing protein 1), KPC2 or UBADC1, is a 405 amino acid protein that localizes to the cytoplasm and contains one ubiquitin-like domain, one STI1 domain and two UBA domains. Expressed ubiquitously with highest expression in heart and skeletal muscle, GBDR1 functions as a non-catalytic subunit of the KPC E3 ubiquitin-protein ligase complex, of which RNF123 is the catalytic subunit. Existing as a critical component of the KPC complex, GBDR1 is essential for the ubiquitination and proteasome-mediated degradation of p27 during the G1 phase of the cell cycle. The gene encoding GBDR1 maps to human chromosome 9, which houses over 900 genes and comprises nearly 4% of the human genome.

Swiss-Prot

Q9BSL1

Applications

Blocking

Specificity

This peptide can be used with studies using BS9166 GBDR1 (R126) pAb.

Purification & Purity

Synthetic peptide GBDR1 (R126). (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.