

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



Rho A (R182) Peptide

Cat No.: BS1782P

Background

The Ras p21 family of guanine nucleotide proteins has been widely studied in view of its apparent role in signal transduction pathways and high frequency of mutations in human malignancies. It is now clear, however, that the Ras proteins (H-, K- and N-Ras p21) are members of a much larger superfamily of related proteins. Six members of this family, Rap 1 (A and B), Rap 2, R-Ras and Ral (A and B), exhibit approximately 50% amino acid homology to Ras. The three mammalian Rho proteins (A, B and C) are approximately 30% homologous to Ras and are expressed in a wide range of cell types. Both Ras p21 and Rho p21, as well as other members of the Ras superfamily, contain a carboxy terminal CAAX sequence (C, cysteine; A, aliphatic amino acid; X, any amino acid) which in the case of Ras has been shown to be essential for correct localization and function

Swiss-Prot

P61586

Applications

Blocking

Specificity

This peptide can be used with studies using BS1782 Rho A (R182) pAb.

Purification & Purity

Synthetic peptide Rho A (R182). (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.