

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



ARHGEF2 (P881) Peptide

Cat No.: AP0469P

Background

GEFs catalyze the release of GDP from inactive Ras proteins to enable GTP binding. Lfc (also designated Rho/Rac guanine nucleotide exchange factor 2, lymphoid blast crisis-like 1, ARHGEF2, GEF-H1, KIAA0651 or LFP40) is an 894 amino acid GEF for Rho A, a member of the Ras family that regulates the Actin cytoskeleton during the formation of stress fibers. Lfc directly interacts with Cingulin, a junctional adapter that inhibits Rho A, thus preventing phorbol-12-myristate-13-acetate-induced contraction and apoptosis. Mutations in the p53 gene transcriptionally activate Lfc, thereby increasing tumor cell proliferation.

Swiss-Prot

Q92974

Applications

Blocking

Specificity

This peptide can be used with studies using AP0469 ARHGEF2 (P881) pAb.

Purification & Purity

Synthetic peptide ARHGEF2 (P881). (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.