

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



VAV2 (D138) Peptide

Cat No.: BS2443P

Background

VAV2 is a ubiquitously expressed structural homolog of the VAV protooncogene that is expressed preferentially in hematopoietic cells. Both proteins are comprised of a Dbl homology (DH) domain with guanosine nucleotide exchange (GEF) activity exclusively directed towards Rho/Rac GTPases, a pleckstrin homology (PH) domain, a calponin-homology (CH) region, an acidic domain (AD) a zinc finger butterfly motif, two SH3 regions and one SH2 domain. GEF activity of RhoA family G proteins is induced by tyrosine phosphorylation in wild type VAV2, and is constitutively activated in N terminus deleted oncogene forms. Constitutive expression of a VAV2 oncoprotein may result in morphological alterations including highly enlarged cells in which karyokinesis and cytokinesis frequently are uncoupled.

Swiss-Prot

P52735

Applications

Blocking

Specificity

This peptide can be used with studies using BS2443 VAV2 (D138) pAb.

Purification & Purity

Synthetic peptide VAV2 (D138). (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.