

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### ARHGEF5 Peptide

Cat No.: BS5835P

#### Background

Rho GTPases, which play fundamental roles in numerous cellular processes, are initiated by external stimuli that signal through G-protein coupled receptors. ARHGEF5 (Rho guanine nucleotide exchange factor (GEF) 5), also known as P60 or transforming immortalized mammary oncogene (TIM), is a 1597 amino acid cytoplasmic protein. ARHGEF5 is believed to form a complex with G proteins and be involved in the initiation of Rho-dependent signals. It has also been suggested that ARHGEF5 may be involved in the organization of the cytoskeleton. ARHGEF5 contains one PH domain, one DH domain and one SH3 domain. Existing as two isoforms produced by alternative splicing, ARHGEF5 is mainly expressed in pancreas, liver, kidney, placenta and lung.

#### Swiss-Prot

Q12774

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS5835 ARHGEF5 pAb.

#### Purification & Purity

Synthetic peptide ARHGEF5. (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.