

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



ARF GAP1 (M204) Peptide

Cat No.: BS3066P

Background

ARFGAP1 (ADP-ribosylation factor GTPase activating protein 1), also known as ARF1 GAP, is a 406 amino acid protein that contains one ARF-GAP domain and localizes to the cytoplasm and the golgi apparatus. Functioning as a GTPase-activating protein (GAP), ARFGAP1 interacts with ARF1 and promotes hydrolysis of ARF1-bound GTP, an event that is required for both the dissociation of coat proteins from golgi structures and for the subsequent fusion of golgi vesicles with target compartments. When overexpressed, ARFGAP1, whose activity is inhibited by phosphatidylcholine and stimulated by phosphoinositides, can induce the redistribution of the entire golgi apparatus to the endoplasmic reticulum. Multiple isoforms of ARFGAP1 exist due to alternative splicing events.

Swiss-Prot

Q8N6T3

Applications

Blocking

Specificity

This peptide can be used with studies using BS3066 ARF GAP1 (M204) pAb.

Purification & Purity

Synthetic peptide ARF GAP1 (M204). (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.