

ARL2BP polyclonal antibody

Catalog: BS61595

Host: Rabbit

Reactivity: Human, Rat

BackGround:

ADP-ribosylation factors (ARFs) are important in eukaryotic vesicular trafficking pathways and they play an essential role in the activation of phospholipase D (PC-PLD). ARL2 (ADP-ribosylation factor-like protein 2) functions as a component of a secretory pathway that is involved in the calcium-dependent release of acetylcholine. Additionally, ARL2 plays a role in the folding of tubule proteins, thereby playing an important role in microtubule dynamics and cell cycle progression. BART1 (Binder of ARL2 protein 1), also known as ARL2BP (ADP-ribosylation factor-like protein 2-binding protein), is a 163 amino acid protein that interacts with GTP-bound ARL2 complexes and therefore may play a role in modulating ARL2 activity. Though predominantly cytosolic, BART1 can enter the mitochondria and bind the adenine nucleotide transporter when bound to ARL2. There are two isoforms of BART1 that are produced as a result of alternative splicing events.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.3.

Molecular Weight:

~ 18 kDa

Swiss-Prot:

Q9Y2Y0

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-

munogen and the purity is > 100% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

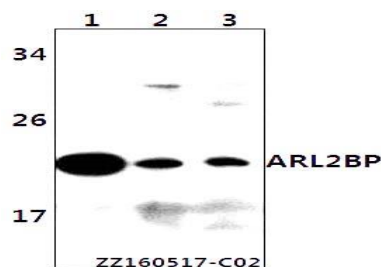
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

ARL2BP polyclonal antibody detects endogenous levels of ARL2BP protein.

DATA:



Western blot (WB) analysis of ARL2BP polyclonal antibody at 1:500 dilution

Lane1: Jurkat whole cell lysate (20ug)

Lane2: HEK293T whole cell lysate (20ug)

Lane3: PC12 whole cell lysate (40ug)

Note:

For research use only, not for use in diagnostic procedure.

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