

Anti-ARL1(ADP-ribosylation factor-like protein 1) Polyclonal Antibody

Cat. #: 60B755

Description:

ARL1(ADP-ribosylation factor-like protein 1) belongs to the ARL (ADP-ribosylation factor-like) family of proteins, which are structurally related to ADP-ribosylation factors (ARFs). ARFs, described as activators of cholera toxin (CT) ADP-ribosyl-transferase activity, regulate intracellular vesicular membrane trafficking, and stimulate a phospholipase D (PLD) isoform. Although, ARL proteins were initially thought not to activate CT or PLD, later work showed that they are weak stimulators of PLD and CT in a phospholipid dependent manner. Recent data show that ARL1 regulates the membrane recruitment of Golgin-97, which plays a role in transport from the endosome to the trans-Golgi network.

Immunogen/Specificity:

Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to N-terminal residues of human ARL1(ADP-ribosylation factor-like protein 1)

References

Zhang,G.F., et al, J. Biol. Chem. 270 (1), 21-24 (1995)
Lu,L., et al, Mol. Biol. Cell 15 (10), 4426-4443 (2004)
Lu,L. and Hong,W., Mol. Biol. Cell 14 (9), 3767-3781 (2003)
Van Valkenburgh,H., et al, J. Biol. Chem. 276 (25), 22826-22837 (2001)
Hong,J.X., et al, J. Biol. Chem. 273 (25), 15872-15876 (1998)

Clone Number:

Isotype:

Species: human, mouse, rat

Storage and Stability: at -20oC

Storage buffer:

This antibody is stored in PBS, 0.01% sodium azide and 50% glycerol.

Preparation:

Purified by antigen-specific affinity chromatography.

Applications :

ELISA

Western Blotting (1µg/ml for 2hrs)