



ARL2 rabbit pAb

Catalog No	YP-Ab-08884
Isotype	IgG
Reactivity	Human; Mouse; Rat
Applications	WB
Gene Name	ARL2
Immunogen	Synthesized peptide derived from human ARL2 AA range: 94-144
Specificity	This antibody detects endogenous levels of ARL2 at Human/Mouse/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit, IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	ADP ribosylation factor like 2; ARFL2; ARL2
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Mitochondrion intermembrane space . Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Nucleus. Cytoplasm. The complex formed with ARL2BP, ARL2 and SLC25A6 is expressed in mitochondria. The complex formed with ARL2BP, ARL2 and SLC25A4 is expressed in mitochondria (By similarity). Not detected in the Golgi, nucleus and on the mitotic spindle. Centrosome-associated throughout the cell cycle. Not detected to interphase microtubules. .
Tissue Specificity	
Function	function: GTP-binding protein that does not act as an allosteric activator of the cholera toxin catalytic subunit. Component of a regulated secretory pathway involved in Ca(2+)-dependent release of acetylcholine. Regulates formation of new microtubules. Required for normal progress through the cell cycle., similarity: Belongs to the small GTPase superfamily., similarity: Belongs to the small GTPase superfamily. Arf family., subunit: Interacts with SCOC and ELMOD2. The GTP-bound form interacts with ARL2BP.,



Background

This gene encodes a small GTP-binding protein of the RAS superfamily which functions as an ADP-ribosylation factor (ARF). The encoded protein is one of a functionally distinct group of ARF-like genes. [provided by RefSeq, Jul 2008],

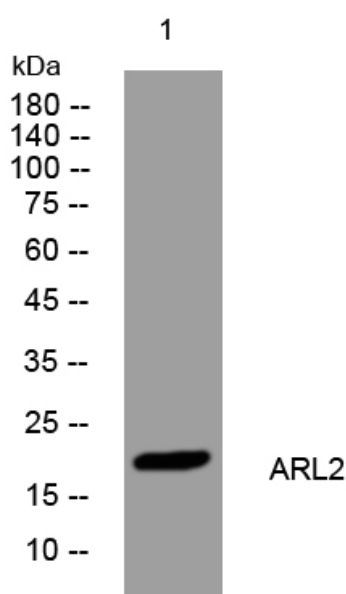
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from PC-12 cells, primary antibody was diluted at 1:1000, 4° over night