

ARL3 antibody

Product Information

Catalog No.:	FNab00576
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

Background

Small GTP-binding protein which cycles between an inactive GDP-bound and an active GTP-bound form, and the rate of cycling is regulated by guanine nucleotide exchange factors(GEF) and GTPase-activating proteins(GAP). Required for normal cytokinesis and cilia signaling. Requires assistance from GTPase-activating proteins(GAPs) like RP2 and PDE6D, in order to cycle between inactive GDP-bound and active GTP-bound forms. Required for targeting proteins such as NPHP3 to the ciliary membrane by releasing myristoylated NPHP3 from UNC119B cargo adapter into the cilium. Does not act as an allosteric activator of the cholera toxin catalytic subunit.

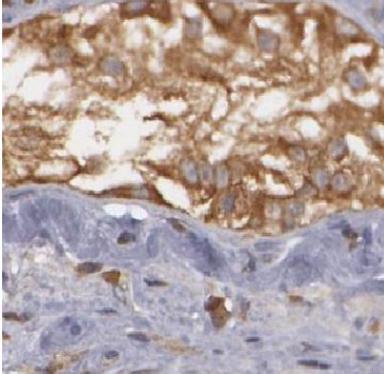
Immunogen information

Immunogen:	ADP-ribosylation factor-like 3
Synonyms:	ADP-ribosylation factor-like protein 3 ARL3 ARFL3
Observed MW:	20 kDa
Uniprot ID :	P36405

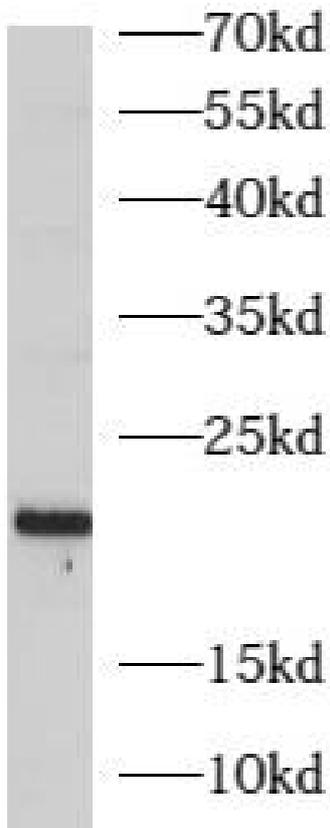
Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC, IF
Recommended dilution:	WB: 1:500-1:2000; IHC: 1:20-1:200; IF: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human testis tissue slide using FNab00576(ARL3 Antibody) at dilution of 1:200



HeLa cells were subjected to SDS PAGE followed by western blot with FNab00576(ARL3 antibody) at dilution of 1:1000