Best Tools for immunology Research

ARL6 rabbit pAb

Catalog No :	YT7348
Reactivity :	Human;Mouse
Applications :	WB
Target :	ARL6
Gene Name :	ARL6
Protein Name :	ARL6
Human Gene Id :	84100
Human Swiss Prot No :	Q9H0F7
Mouse Gene Id :	56297
Mouse Swiss Prot No :	O88848
Immunogen :	Synthesized peptide derived from human ARL6 AA range: 105-155
Specificity :	This antibody detects endogenous levels of ARL6 at Human/Mouse
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1□500-2000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

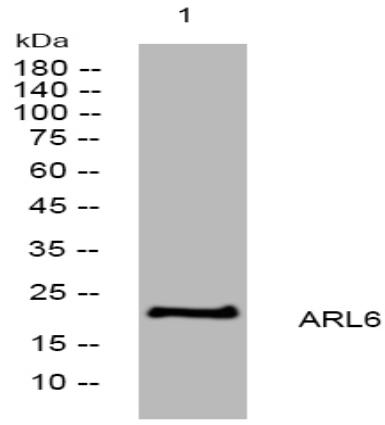
Molecularweight : 20kD

Background : The protein encoded by this gene belongs to the ARF-like (ADP ribosylation factor-like) sub-family of the ARF family of GTP-binding proteins which are involved in regulation of intracellular traffic. Mutations in this gene are associated with Bardet-Biedl syndrome (BBS). A vision-specific transcript, encoding long isoform BBS3L, has been described (PMID: 20333246). [provided by RefSeq, Apr 2016],

Function : disease:Defects in ARL6 are a cause of Bardet-Biedl syndrome type 3 (BBS3) [MIM:209900]. Bardet-Biedl syndrome (BBS) is a genetically heterogeneous disorder characterized by usually severe pigmentary retinopathy, early onset obesity, polydactyly, hypogenitalism, renal malformation and mental retardation. Secondary features include diabetes mellitus, hypertension and congenital heart disease.,similarity:Belongs to the small GTPase superfamily. Arf family.,subunit:Interacts with SEC61B, ARL6IP1, ARL6IP2, ARL6IP3, ARL6IP4 ARL6IP5 and ARL6IP6.,

Subcellular Location : Cell projection, cilium membrane; Peripheral membrane protein; Cytoplasmic side. Cytoplasm, cytoskeleton, cilium axoneme. Cytoplasm, cytoskeleton, cilium basal body. Appears in a pattern of punctae flanking the microtubule axoneme that likely correspond to small membrane-associated patches. Localizes to the so-called ciliary gate where vesicles carrying ciliary cargo fuse with the membrane.

Products Images



Western blot analysis of lysates from MCF-7 cells, primary antibody was diluted at 1:1000, 4°over night