

ARF6 Rabbit Polyclonal Antibody

Catalog# UZ-PA00852

Product information

产品货号	UZ-PA00852
别名	ARF6; ADP-ribosylation factor 6
产品名称	ARF6 Rabbit Polyclonal Antibody
类别	抗体产品
基因名称	ARF6
推荐应用	WB,ELISA
反应种属	Human,Mouse,Rat
存储缓冲液	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N .
Human Gene ID	382
Human Swissprot No.	P62330
免疫原	Synthesized peptide derived from ARF6 . at AA range: 30-110
稀释度	WB 1:500-1:2000, ELISA 1:10000.Not yet tested in other applications.
预测分子量	20kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	Rabbit,IgG
背景介绍	ADP ribosylation factor 6(ARF6) Homo sapiens This gene encodes a member of the human ARF gene family, which is part of the RAS superfamily. The ARF genes encode small guanine nucleotide-binding proteins that stimulate the ADP-ribosyltransferase activity of cholera toxin and play a role in vesicular trafficking and as activators of phospholipase D. The product of this gene is localized to the plasma membrane, and regulates vesicular trafficking, remodelling of membrane lipids, and signaling pathways that lead to actin remodeling. A pseudogene of this gene is located on chromosome 7. [provided by RefSeq, Jul 2008],
细胞定位	Cytoplasm, cytosol . Cell membrane ; Lipid-anchor . Endosome membrane ; Lipid-anchor . Recycling endosome membrane ; Lipid-anchor . Cell projection, filopodium membrane ; Lipid-anchor . Cell projection, ruffle . Cleavage furrow . Midbody, Midbody ring . Early endosome membrane ; Lipid-anchor . Golgi apparatus, trans-Golgi network membrane ; Lipid-anchor . Distributed uniformly on the plasma membrane, as well as throughout the cytoplasm during metaphase. Subsequently concentrated at patches in the equatorial region at the onset of cytokinesis, and becomes distributed in the equatorial region concurrent with cleavage furrow ingression. In late stages of cytokinesis, concentrates at the midbody ring/Flemming body (PubMed:23603394). Recruitment to the midbody ring requires both activation by PSD/EFA6A and interaction with KIF23/MKLP1 (PubMed:23603394). After abscission of the intercellular bridge, incorporated into one of the daughter cells as a midbody remnant and localizes to punctate structures beneath the plasma membrane (PubMed:23603394). Recruited to the cell membrane in association with CYTH2 and ARL4C (PubMed:17398095). Colocalizes with DAB2IP at the plasma membrane and endocytic vesicles (PubMed:19948740). Myristoylation is required for proper localization to membranes: myristoylation on Lys-3 allows ARF6 to remain on membranes during the GTPase cycle (PubMed:7589240, PubMed:32103017). .
纯化	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal