

ARF6 Conjugated Antibody

Catalog No: #C38160



Package Size: #C38160-AF350 100ul #C38160-AF405 100ul #C38160-AF488 100ul
 #C38160-AF555 100ul #C38160-AF594 100ul #C38160-AF647 100ul
 #C38160-AF680 100ul #C38160-AF750 100ul #C38160-Biotin 100ul

Orders: order@signalwayantibody.com
 Support: tech@signalwayantibody.com

Description

Product Name	ARF6 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total ARF6 antibody.
Immunogen Description	Recombinant protein of human ARF6.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	ARF6;DKFZp564M0264 ;
Accession No.	Swiss-Prot#:P62330NCBI Gene ID:382
Uniprot	P62330
GeneID	382;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	20
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

ADP-ribosylation factor (Arf) proteins are low molecular weight GTP binding proteins that belong to the Ras GTPase superfamily (1). Arf proteins are grouped into three distinct classes based on amino acid sequence and structural similarity, with Arf6 as the single class III protein to date. Arf6 is localized mainly to the plasma membrane and endosomes (1,2). This small GTPase interacts with PIP5K, PLD and Rac1, proteins important in lipid metabolism and actin regulation. Arf6 function depends upon its cycling between GDP- and GTP-bound states, which is regulated by associated GAP and GEF factors (3,4). Plasma membrane-associated Arf6 appears to play several functions during the many steps of membrane trafficking, including regulating membrane receptor internalization in both clathrin-dependent and independent pathways, endosomal recycling, and proximal actin reorganization and remodeling (5,6).

Note: This product is for in vitro research use only