ARHGAP4 Conjugated Antibody

Catalog No: #C37353

Package Size: #C37353-AF350 100ul #C37353-AF405 100ul #C37353-AF488 100ul #C37353-AF555 100ul #C37353-AF594 100ul #C37353-AF647 100ul #C37353-AF680 100ul #C37353-AF750 100ul #C37353-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	ARHGAP4 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total ARHGAP4 protein.
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human Rho GTPase activating protein 4
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	C1; RGC1; p115; SrGAP4; RhoGAP4
Accession No.	Swiss-Prot#:P98171NCBI Gene ID:393NCBI Protein#:NP_060295
Uniprot	P98171
GeneID	393;
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
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

This gene encodes a member of the rhoGAP family of proteins which play a role in the regulation of small GTP-binding proteins belonging to the RAS superfamily. The protein encoded by the orthologous gene in rat is localized to the Golgi complex and can redistribute to microtubules. The rat protein stimulates the activity of some Rho GTPases in vitro. Genomic deletions of this gene and a neighboring gene have been found in patients with nephrogenic diabetes insipidus. Multiple transcript variants encoding different isoforms have been found for this gene.

Note: This product is for in vitro research use only