

RALBP1 Conjugated Antibody

Catalog No: #C49006

Package Size: #C49006-AF350 100ul #C49006-AF405 100ul #C49006-AF488 100ul

#C49006-AF555 100ul #C49006-AF594 100ul #C49006-AF647 100ul

#C49006-AF680 100ul #C49006-AF750 100ul #C49006-Biotin 100ul

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Description

Product Name	RALBP1 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	RLIP1 antibody 76 kDa Ral-interacting protein antibody 76-kDa Ral-interacting protein antibody Dinitrophenyl S-glutathione ATPase antibody DNP-SG ATPase antibody Ral-interacting protein 1 antibody Ral-interacting protein 1, 76-KD antibody RalA-binding protein 1 antibody RalBP1 antibody RBP1_HUMAN antibody RIP1 antibody RLIP1 antibody RLIP76 antibody
Accession No.	Swiss-Prot#:Q15311
Uniprot	Q15311
GeneID	10928;
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	95 kDa
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

Ral A and Ral B constitute a distinct subfamily of Ras-related GTPases (i.e., GDP/GTP binding proteins). Ral proteins are activated by a unique nucleotide exchange factor, Ral GDS, and deactivated by a distinct GTPase-activating protein. Unlike Ras proteins, Ral A and Ral B fail to induce transformed foci when activated variants are expressed in various recipient cells. A potential downstream target of Ral, designated Ral BP-1, has been shown to contain a Rho-GTPase-activating domain. This Rho-GTPase-activating domain interacts preferentially with the Rho family member Cdc42. A Ras/Ral signaling pathway has been reported to mediate phospholipase D (PLD) activation by v-Src, thus indicating PLD as another downstream target of Ral A.

Note: This product is for in vitro research use only