

## RHG07 Conjugated Antibody

Catalog No: #C34035



Package Size: #C34035-AF350 100ul #C34035-AF405 100ul #C34035-AF488 100ul  
 #C34035-AF555 100ul #C34035-AF594 100ul #C34035-AF647 100ul  
 #C34035-AF680 100ul #C34035-AF750 100ul #C34035-Biotin 100ul

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## Description

Product Name	RHG07 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total RHG07 protein.
Immunogen Description	Synthesized peptide derived from internal of human RHG07.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Rho-type GTPase-activating protein 7; Deleted in liver cancer 1 protein; Dlc-1; HP protein; StAR-related lipid transfer protein 12
Accession No.	Swiss-Prot#: Q96QB1 NCBI Gene ID: 10395
Uniprot	Q96QB1
GeneID	10395;
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	123
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

## Product Description

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The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

## Background

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Functions as a GTPase-activating protein for the small GTPases RHOA, RHOB, RHOC and CDC42, terminating their downstream signaling. This induces morphological changes and detachment through cytoskeletal reorganization, playing a critical role in biological processes such as cell migration and proliferation. Also functions in vivo as an activator of the phospholipase PLCD1. Active DLC1 increases cell migration velocity but reduces directionality.

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Note: This product is for in vitro research use only