

# Rho guanine nucleotide exchange factor 7 Polyclonal Conjugated Antibody

Catalog No: #C42257

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

Package Size: #C42257-AF350 100ul #C42257-AF405 100ul #C42257-AF488 100ul

#C42257-AF555 100ul #C42257-AF594 100ul #C42257-AF647 100ul

#C42257-AF680 100ul #C42257-AF750 100ul #C42257-Biotin 100ul

## Description

Product Name	Rho guanine nucleotide exchange factor 7 Polyclonal Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Rho guanine nucleotide exchange factor 7 polyclonal antibody.
Immunogen Description	Recombinant Human Rho guanine nucleotide exchange factor 7 protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Beta-Pix,COOL-1,PAK-interacting exchange factor beta,p85,ARHGEF7,COOL1, KIAA0142, P85SPR, PAK3BP, PIXB ORF Names: Nbla10314
Accession No.	Swiss-Prot#:Q14155
Uniprot	Q14155
GeneID	8874;
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	90
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

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## Background

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Acts as a RAC1 guanine nucleotide exchange factor (GEF) and can induce membrane ruffling. Functions in cell migration, attachment and cell spreading. Promotes targeting of RAC1 to focal adhesions. By similarity. May function as a positive regulator of apoptosis. Downstream of NMDA receptors and CaMKK-CaMK1 signaling cascade, promotes the formation of spines and synapses in hippocampal neurons.

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Note: This product is for in vitro research use only