

Rho GDI $\alpha$  (phospho Ser174) Polyclonal Antibody

Catalog No: #13563



Package Size: #13563-1 50ul #13563-2 100ul

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## Description

Product Name	Rho GDI $\alpha$ (phospho Ser174) Polyclonal Antibody
Host Species	Rabbit
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB,IHC-p,IF(paraffin section),ELISA
Species Reactivity	Human,Mouse,Rat
Specificity	Phospho-Rho GDI $\alpha$ (S174) Polyclonal Antibody detects endogenous levels of Rho GDI $\alpha$ protein only when phosphorylated at S174.
Immunogen Description	The antiserum was produced against synthesized peptide derived from human ARHGDI $\alpha$ around the phosphorylation site of Ser174. AA range:140-189
Other Names	ARHGDI $\alpha$ ; GDIA1; Rho GDP-dissociation inhibitor 1; Rho GDI 1; Rho-GDI alpha
Accession No.	Swiss Prot:P52565GeneID:396
Uniprot	P52565
GeneID	396
SDS-PAGE MW	23
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

## Application Details

Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.

## Background

Rho GDP dissociation inhibitor alpha (ARHGDI $\alpha$ ) Homo sapiens This gene encodes a protein that plays a key role in the regulation of signaling through Rho GTPases. The encoded protein inhibits the disassociation of Rho family members from GDP (guanine diphosphate), thereby maintaining these factors in an inactive state. Activity of this protein is important in a variety of cellular processes, and expression of this gene may be altered in tumors. Mutations in this gene have been found in individuals with nephrotic syndrome, type 8. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014],

Note: This product is for in vitro research use only