

For Research Use Only

RhoGDI Polyclonal antibody

Catalog Number: 10509-1-Ig

Featured Product

10 Publications



Basic Information

Catalog Number: 10509-1-Ig	GenBank Accession Number: BC005851	Purification Method: Protein A purification
Size: 150ul , Concentration: 2000 µg/ml by Nanodrop and 707 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 396	Recommended Dilutions: WB 1:500-1:2000 IHC 1:20-1:200
Source: Rabbit	Full Name: Rho GDP dissociation inhibitor (GDI)	
Isotype: IgG	alpha	
Immunogen Catalog Number: AG0791	Calculated MW: 28 kDa	
	Observed MW: 28 kDa	

Applications

Tested Applications:

IHC, WB, ELISA

Cited Applications:

IHC, WB

Species Specificity:

human, mouse

Cited Species:

human, mouse, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB: Jurkat cells, A431 cells, mouse pancreas tissue, HL-60 cells, HeLa cells, HEK-293 cells

IHC: human breast cancer tissue, human colon cancer tissue

Background Information

Rho GDP-dissociation inhibitor (RhoGDI), also called ARHGDI, is one member of ARHGDI, which is ubiquitously expressed and interacts with several Rho GTPases, mainly including RhoA, Rac1, and Cdc42. RhoGDI can inhibit nucleotide exchange and membrane association to downregulate the activities of Rho family GTPase. It is overexpressed in various human cancers. Activity of this protein is important in a variety of cellular processes, and it is overexpressed in various human cancers. Mutations in RhoGDI have been found in individuals with nephrotic syndrome, type 8.

Notable Publications

Author	Pubmed ID	Journal	Application
Wang Jing J	23028951	PLoS One	WB, IHC
Yu Lian	30326930	J Exp Clin Cancer Res	WB
Cheng Liu	25397718	J Agric Food Chem	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

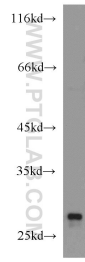
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

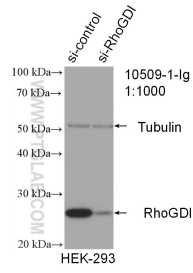
E: proteintech@ptglab.com
W: ptglab.com

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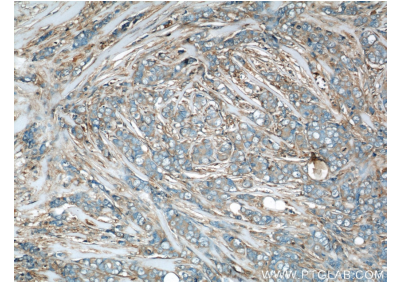
Selected Validation Data



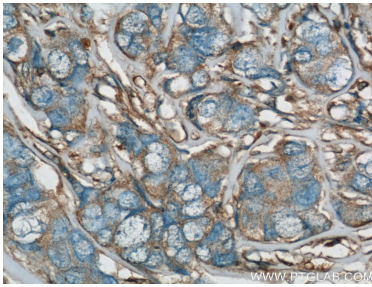
Jurkat cells were subjected to SDS PAGE followed by western blot with 10509-1-Ig (RhoGDI antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



WB result of RhoGDI antibody (10509-1-Ig: 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-RhoGDI transfected HEK-293 cells.



Immunohistochemical analysis of paraffin-embedded human breast cancer using 10509-1-Ig(RhoGDI antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human breast cancer using 10509-1-Ig(RhoGDI antibody) at dilution of 1:50 (under 40x lens).