



Rho GDI α Polyclonal Antibody

Catalog No	YP-Ab-16242
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	IHC;IF;ELISA
Gene Name	ARHGDIA
Immunogen	The antiserum was produced against synthesized peptide derived from human ARHGDIA. AA range:140-189
Specificity	Rho GDI α Polyclonal Antibody detects endogenous levels of Rho GDI α protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	IHC: 1/100 - 1/300. ELISA: 1/10000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	ARHGDIA;fa96g11;GDIA 1;GDIA1;GDIR1_HUMAN;MGC117248;NPHS8;Rho GDI 1;Rho GDI alpha;Rho GDI;Rho GDP dissociation inhibitor (GDI) alpha;Rho GDP dissociation inhibitor 1;Rho GDP dissociation inhibitor alpha;Rho GDP-dissociation inhibitor 1;Rho-GDI alpha;RhoGDI 1;RhoGDI alpha;RHOGDI; RhoGDI1;wu:fa96g11;zgc:55554;zgc:77681;Rho GDI α
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Cytoplasm .
Tissue Specificity	Brain,Cajal-Retzius cell,Colon,Epithelium,Fetal brain cortex,Lung,M
Function	function:Regulates the GDP/GTP exchange reaction of the Rho proteins by inhibiting the dissociation of GDP from them, and the subsequent binding of GTP to them.,similarity:Belongs to the Rho GDI family.,subunit:Monomer.,
Background	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],

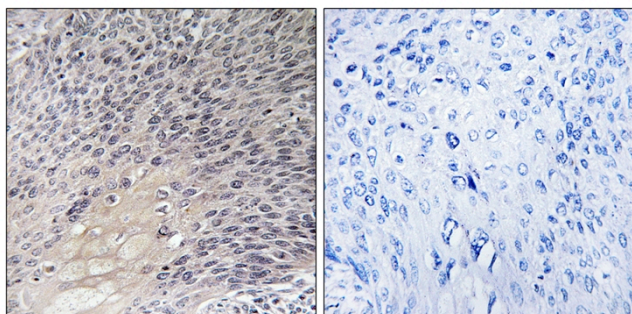
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Immunohistochemistry analysis of paraffin-embedded human cervix carcinoma tissue, using ARHGDIA Antibody. The picture on the right is blocked with the synthesized peptide.