

Rho GDIa Polyclonal Antibody

Catalog No: YT4081

Reactivity: Human; Mouse; Rat

Applications: IHC;IF;ELISA

Target: Rho GDIa

Fields: >>Neurotrophin signaling pathway;>>Vasopressin-regulated water reabsorption

Gene Name: ARHGDIA

Protein Name: Rho GDP-dissociation inhibitor 1

P52565

Q99PT1

Human Gene Id: 396

Human Swiss Prot

No:

Mouse Gene ld: 192662

Mouse Swiss Prot

No:

Rat Gene Id: 360678

Rat Swiss Prot No: Q5XI73

Immunogen: The antiserum was produced against synthesized peptide derived from human

ARHGDIA. AA range:140-189

Specificity: Rho GDIa Polyclonal Antibody detects endogenous levels of Rho GDIa protein.

Formulation : Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

Dilution: IHC 1:100 - 1:300. ELISA: 1:10000.. IF 1:50-200

1/2



Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Molecularweight: 23kD

Cell Pathway: Neurotrophin;

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],

Cytoplasm.

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

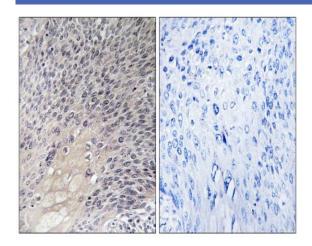
to them., similarity: Belongs to the Rho GDI family., subunit: Monomer.,

Subcellular

Location:

Expression : Brain, Cajal-Retzius cell, Colon, Epithelium, Fetal brain cortex, Lung, M

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.