

Rho GDIα rabbit pAb

Cat No.: ES6107

For research use only

Overview

Product Name Rho GDIα rabbit pAb

Host species Rabbit
Applications IHC;IF;ELISA

Species Cross-Reactivity Human; Mouse; Rat

Recommended dilutions Immunohistochemistry: 1/100 - 1/300. ELISA:

1/10000. Not yet tested in other applications.

Immunogen The antiserum was produced against synthesized

peptide derived from human ARHGDIA. AA

range:140-189

Specificity Rho GDIα Polyclonal Antibody detects endogenous

levels of Rho GDIα protein.

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

Storage Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name Rho GDP-dissociation inhibitor 1

Gene Name ARHGDIA Cytoplasm .

Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal Concentration 1 mg/ml

Observed band

Human Gene ID 396 Human Swiss-Prot Number P52565

Alternative Names ARHGDIA; GDIA1; Rho GDP-dissociation inhibitor 1;

Rho GDI 1; Rho-GDI alpha

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

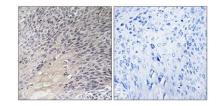
diphosphate), thereby maintaining these factors in an inactive state. Activity of this protein is important





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],

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



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