

For Research Use Only

# RND3 Polyclonal antibody

Catalog Number: 12534-1-AP

Featured Product

6 Publications



## Basic Information

Catalog Number:

12534-1-AP

Size:

150ul, Concentration: 280 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3235

GenBank Accession Number:

BC012513

GeneID (NCBI):

390

UNIPROT ID:

P61587

Full Name:

Rho family GTPase 3

Calculated MW:

244 aa, 27 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

ELISA

Cited Applications:

WB, IP, IF

Species Specificity:

human, mouse, rat

Cited Species:

human, RAT

## Background Information

Rnd3, also known as RhoE, belongs to the Rnd subclass of the Rho family of small guanosine triphosphate (GTP)-binding proteins. Rnd proteins are unique due to their inability to switch from a GTP-bound to GDP-bound conformation. The basic role of Rnd3 is to report as an endogenous antagonist of RhoA signaling-mediated actin cytoskeleton dynamics, which specifically contributes to cell migration and neuron polarity. Rnd3 also plays a critical role in arresting cell cycle distribution, inhibiting cell growth, and inducing apoptosis and differentiation.

## Notable Publications

Author	Pubmed ID	Journal	Application
Cui Zhai	30009823	Life Sci	WB
Jerome W Breslin	27048969	J Am Heart Assoc	WB,IF
Zehua Zhu	24525741	Cancer Res	WB,IP

## 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:

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