

## RND1 Antibody / Rho-related GTP-binding protein Rho6 (R32971)

Catalog No.	Formulation	Size
R32971	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

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<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Mouse
<b>Predicted Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA, 0.025% sodium azide
<b>UniProt</b>	Q92730
<b>Applications</b>	Western Blot : 0.5-1ug/ml
<b>Limitations</b>	This RND1 antibody is available for research use only.

kDa  
72-  
55-  
43-  
34-  
26-  
17-  
10-



Western blot testing of mouse liver lysate with RND1 antibody at 0.5ug/ml. Predicted molecular weight ~26 kDa.

## Description

RND1 is a small signaling G protein (to be specific, a GTPase), and is a member of the Rnd subgroup of the Rho family of GTPases. Members of this family regulate the organization of the actin cytoskeleton in response to extracellular growth factors. A similar protein in rat interacts with a microtubule regulator to control axon extension. The RND1 gene is mapped to

chromosome 12q12-q13.

## Application Notes

Optimal dilution of the RND1 antibody should be determined by the researcher.

## Immunogen

A recombinant human protein corresponding to amino acids K105-C229 was used as the immunogen for the RND1 antibody.

## Storage

After reconstitution, the RND1 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.