# 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 |

**Bulk quote request**

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




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 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.


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