

For Research Use Only

# RNF41 Recombinant monoclonal antibody

Catalog Number: 88043-1-RR



## Basic Information

|                                                                |                                              |                                                       |
|----------------------------------------------------------------|----------------------------------------------|-------------------------------------------------------|
| <b>Catalog Number:</b><br>88043-1-RR                           | <b>GenBank Accession Number:</b><br>BC032637 | <b>Purification Method:</b><br>Protein A purification |
| <b>Size:</b><br>100ul , Concentration: 1000 µg/ml by Nanodrop; | <b>GeneID (NCBI):</b><br>10193               | <b>CloneNo.:</b><br>253576H1                          |
| <b>Source:</b><br>Rabbit                                       | <b>UNIPROT ID:</b><br>Q9H4P4                 | <b>Recommended Dilutions:</b><br>WB: 1:1000-1:4000    |
| <b>Isotype:</b><br>IgG                                         | <b>Full Name:</b><br>ring finger protein 41  |                                                       |
| <b>Immunogen Catalog Number:</b><br>AG11076                    | <b>Calculated MW:</b><br>317 aa, 36 kDa      |                                                       |
|                                                                | <b>Observed MW:</b><br>35-40 kDa             |                                                       |

## Applications

|                                                  |                                                                                              |
|--------------------------------------------------|----------------------------------------------------------------------------------------------|
| <b>Tested Applications:</b><br>WB, ELISA         | <b>Positive Controls:</b><br>WB : mouse ovary tissue, mouse testis tissue, rat testis tissue |
| <b>Species Specificity:</b><br>human, mouse, rat |                                                                                              |

## Background Information

RNF41 acts as an E3 ubiquitin ligase to promote ErbB3 ubiquitination and degradation in cultured cells through its RING finger domain (PMID: 12411582). RNF41 acts also as a PRKN modifier that accelerates its degradation, resulting in a reduction of PRKN activity, influencing the balance of the intracellular redox state (PMID: 18541373).

## Storage

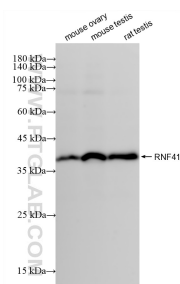
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 88043-1-RR (RNF41 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.