

For Research Use Only

# RNF144A Polyclonal antibody, PBS Only

Catalog Number: 26144-1-PBS



## Basic Information

Catalog Number:

26144-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG23508

GenBank Accession Number:

BC050373

GeneID (NCBI):

9781

UNIPROT ID:

P50876

Full Name:

ring finger protein 144A

Observed MW:

33 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

WB, IP, Indirect ELISA

Species Specificity:

human, hamster

## Background Information

RNF144A (Ring Finger protein 144A) as the first E3 ubiquitin ligase for cytosolic DNA-PKcs, is induced in a p53-dependent manner during DNA damage and targets cytosolic DNA-PKcs for ubiquitination and degradation. RNF144A is an RBR-containing protein, and is unstable and degraded through the proteasome-dependent pathway (PMID: 24979766). RNF144A contains an RBR domain in the N-terminus and a potential single-transmembrane (TM) domain in the C-terminus, and is distributed in both plasma membrane and the membranes of intracellular vesicles including endosomes, lysosomes, endoplasmic reticulum (ER), perinuclear vesicles, and others, which might be caused by the presence of the TM domain (PMID: 37955227).

## Storage

Storage:

Store at -80°C.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:

PBS Only

For technical support and original validation data for this product please contact:

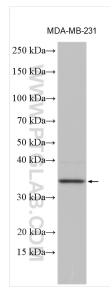
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

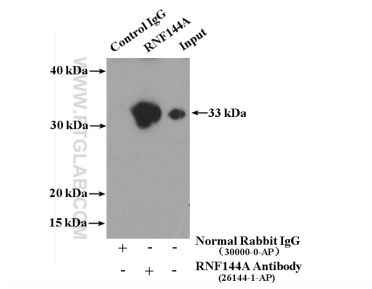
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



MDA-MB-231 cells were subjected to SDS PAGE followed by western blot with 26144-1-AP (RNF144A antibody) at dilution of 1:1500 and incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 26144-1-PBS in a different storage buffer formulation.



IP result of anti-RNF144A (IP:26144-1-AP, 4ug; Detection:26144-1-AP 1:300) with CHO cells lysate 3100ug. This data was developed using the same antibody clone with 26144-1-PBS in a different storage buffer formulation.