

For Research Use Only

RNF144A Polyclonal antibody, PBS Only

Catalog Number: 26144-1-PBS



Basic Information

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| Catalog Number: 26144-1-PBS | GenBank Accession Number: BC050373 | Purification Method: Antigen affinity purification |
| Size: 100ug, Concentration: 1 mg/ml by Nanodrop; | GeneID (NCBI): 9781 | |
| Source: Rabbit | UNIPROT ID: P50876 | |
| Isotype: IgG | Full Name: ring finger protein 144A | |
| Immunogen Catalog Number: AG23508 | Observed MW: 33 kDa | |

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: 3795227).

Storage

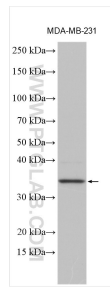
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

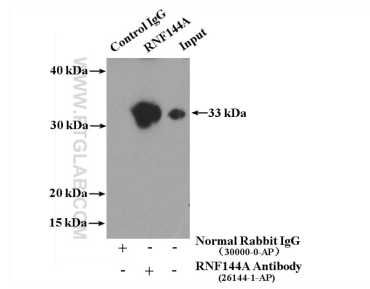
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
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Selected Validation Data



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.