

For Research Use Only

PDRG1 Recombinant antibody

Catalog Number: 85851-4-RR



Basic Information

Catalog Number:

85851-4-RR

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9109

GenBank Accession Number:

BC009334

GeneID (NCBI):

81572

UNIPROT ID:

Q9NUG6

Full Name:

p53 and DNA damage regulated 1

Calculated MW:

16 kDa

Observed MW:

15-16 kDa

Purification Method:

Protein A purification

CloneNo.:

250203E9

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, rat

Positive Controls:

WB : HEK-293 cells, HeLa cells, Jurkat cells, A549 cells, MCF-7 cells, rat liver tissue

Background Information

PDRG1 codes for a novel protein called p53 and DNA damage-regulated protein 1. Human PDRG1 is predominantly expressed in normal testis and its expression can be induced by UV irradiation and be repressed by p53 [PMID14562055]. Recently, PDRG1 was identified as a novel tumor marker for multiple malignancies that is selectively regulated by genotoxic stress. Its expression was upregulated in multiple malignancies including cancers of the colon, rectum, ovary, lung, stomach, breast and uterus when compared to normal tissues [PMID: 21193842], suggesting its being a novel tumor marker that could play a role in cancer development and/or progression.

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

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

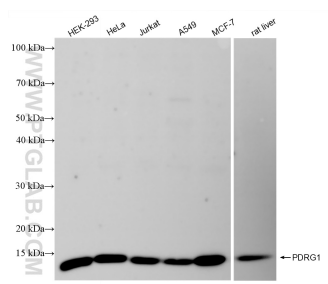
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85851-4-RR (PDRG1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.