

For Research Use Only

Phospho-NDRG1 (Thr346) Polyclonal antibody



Catalog Number: 30886-1-AP

Basic Information

Catalog Number:

30886-1-AP

Size:

700 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC006260

GeneID (NCBI):

10397

UNIPROT ID:

Q92597

Full Name:

N-myc downstream regulated 1

Calculated MW:

43 kDa

Observed MW:

48 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human

Positive Controls:

WB: A431 cells, λ phosphatase treated A431 cells

Background Information

N-Myc Downstream Regulated 1 (NDRG1) is a member of the N-myc down-regulated gene family which belongs to the alpha/beta hydrolase superfamily. The phosphorylation of NDRG1 (on Thr346) showed the greatest statistically significant increase in clear cell renal cell carcinoma (ccRCC) compared with noncancerous renal tissue. Further study showed the phosphorylation of NDRG1 (Thr346) in ccRCC cells was maintained by RICTOR and mTOR in complex 2. (PMID: 37298315)

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

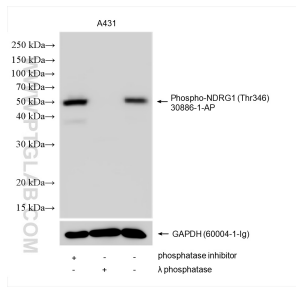
T: 4006900926

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



Non-treated A431 cells, phosphatase inhibitor treated A431 cells and λ phosphatase treated A431 cells were subjected to SDS PAGE followed by western blot with 30886-1-AP (Phospho-NDRG1 (Thr346) antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with GAPDH (60004-1-Ig) antibody as a loading control.