

For Research Use Only

Phospho-NDRG1 (Thr346) Recombinant antibody, PBS Only

Catalog Number: 85141-5-PBS



Basic Information

Catalog Number:

85141-5-PBS

Concentration:

1 mg/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:

46 kDa, 48 kDa

Purification Method:

Protein A purification

CloneNo.:

250220C11

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse

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 -80°C.

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

Storage Buffer:

PBS only, pH7.3

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

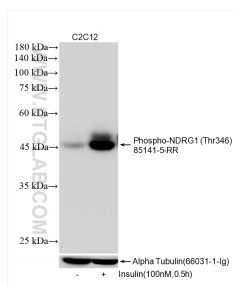
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Selected Validation Data



Non-treated C2C12 cells and Insulin treated C2C12 cells were subjected to SDS PAGE followed by western blot with 85141-5-RR (Phospho-NDRG1 (Thr346) antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with Alpha Tubulin (66031-1-Ig) antibody as a loading control. This data was developed using the same antibody clone with 85141-5-PBS in a different storage buffer formulation.