

For Research Use Only

Phospho-NDRG1 (Thr346) Polyclonal antibody

Catalog Number: 30886-1-AP



Basic Information

Catalog Number: 30886-1-AP	GenBank Accession Number: BC006260	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 700 ug/ml by Nanodrop;	GeneID (NCBI): 10397	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	UNIPROT ID: Q92597	
Isotype: IgG	Full Name: N-myc downstream regulated 1	
	Calculated MW: 43 kDa	
	Observed MW: 48 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : A431 cells, λ phosphatase treated A431 cells
Species Specificity: Human	

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

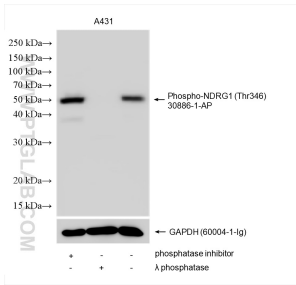
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

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