

For Research Use Only

NUDCD1 Polyclonal antibody

Catalog Number: 32473-1-AP



Basic Information

Catalog Number:

32473-1-AP

Size:

300 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG38518

GenBank Accession Number:

NM_032869.3

GeneID (NCBI):

84955

UNIPROT ID:

Q96RS6

Full Name:

NudC domain containing 1

Calculated MW:

67 kDa, 583aa

Observed MW:

67 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:1000-1:4000

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human

Positive Controls:

WB : MCF-7 cells, MDA-MB-231 cells

IF/ICC : A431 cells,

Background Information

NudC domain-containing protein 1 (NUDCD1, also known as CML66) is a protein that plays a crucial role in various biological processes, including cell proliferation, migration, cell cycle progression, and intracellular material transport (PMID: 38553373). NUDCD1 has been identified as an oncoprotein frequently activated or overexpressed in multiple human cancers, suggesting its role in promoting cancer cell growth and metastasis (PMID: 29888104). It is abnormally activated in various tumors and has been identified as a cancer antigen (PMID: 37338527).

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:

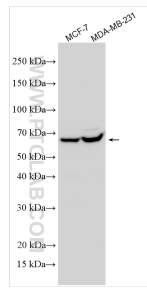
T: 4006900926

E: Proteintech-CN@ptglab.com

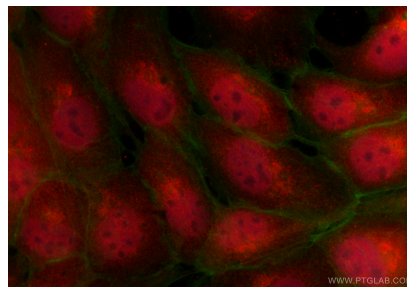
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32473-1-AP (NUDCD1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed A431 cells using NUDCD1 antibody (32473-1-AP) at dilution of 1:400 and CoraLite®594-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-4), CL488-Phalloidin (green).