

For Research Use Only

NO66/C14orf169 Polyclonal antibody

Catalog Number: 22842-1-AP



Basic Information

Catalog Number:

22842-1-AP

Size:

150ul, Concentration: 400 ug/ml by Nanodrop and 207 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18721

GenBank Accession Number:

BC011350

GeneID (NCBI):

79697

UNIPROT ID:

Q9H6W3

Full Name:

chromosome 14 open reading frame 169

Calculated MW:

641 aa, 71 kDa

Observed MW:

71 kDa

Purification Method:

Antigen Affinity purified

Recommended Dilutions:

WB 1:1000-1:6000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

Applications

Tested Applications:

WB, IP, ELISA

Species Specificity:

human

Positive Controls:

WB: A431 cells, Jurkat cells, NCCIT cells

IP: Jurkat cells,

Background Information

NO66, also known as C14orf169 and MAP1D, is a JmjC domain-containing oxygenase that can act as both a histone lysine demethylase and a ribosomal histidine hydroxylase. NO66 is highly conserved during evolution and shows a dual localization pattern, present in both the nucleoplasm and nucleolus (PMID: 14742713). It has been reported that NO66 participates in regulation of Osx transcriptional activity and plays an important role in osteoblast differentiation through interaction with Osx (PMID: 19927124; 23620590). Through interaction with MYC protein, NO66 plays a role in pulmonary carcinogenesis (PMID: 17308053).

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

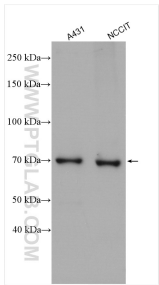
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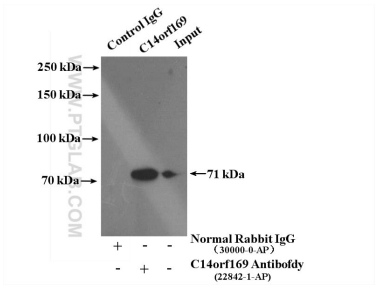
E: proteintech@ptglab.com
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 22842-1-AP (NO66/C14orf169 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



IP result of anti-NO66/C14orf169 (IP:22842-1-AP, 4ug; Detection:22842-1-AP 1:500) with Jurkat cells lysate 4000ug.