

For Research Use Only

NUDT7 Polyclonal antibody

Catalog Number: 34385-1-AP



Basic Information

Catalog Number:

34385-1-AP

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG41199

GenBank Accession Number:

NM_001105663

GeneID (NCBI):

283927

UNIPROT ID:

POC024

Full Name:

nudix (nucleoside diphosphate linked moiety X)-type motif 7

Calculated MW:

238aa, 27 kDa

Observed MW:

30 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB: 1:1000-1:4000

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, mouse

Positive Controls:

WB : L02 cells, mouse liver tissue

IP : mouse liver tissue,

Background Information

Peroxisomal coenzyme A diphosphatase NUDT7, a peroxisomal Nudix hydrolase, mainly localizes to the peroxisomal matrix and catalyzes hydrolysis of CoA/acyl-CoAs, regulating lipid metabolism and CoA homeostasis (PMID: 11415433; 25110012). Its dysregulation links to diabetes, Kras-driven colorectal cancer, neurodegeneration with brain iron accumulation, and osteoarthritis (PMID: 32131398; 24847269; 30143643).

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

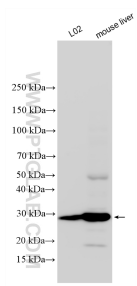
T: 4006900926

E: Proteintech-CN@ptglab.com

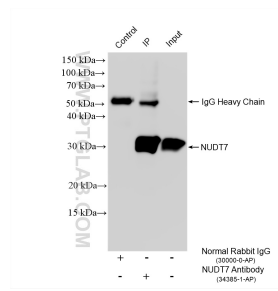
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 34385-1-AP (NUDT7 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



IP result of anti-NUDT7 (IP:34385-1-AP, 4ug; Detection:34385-1-AP 1:4000) with mouse liver tissue lysate 2480 ug.