

For Research Use Only

NUDT7 Polyclonal antibody, PBS Only

Catalog Number: 34385-1-PBS



Basic Information

Catalog Number:

34385-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

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

Applications

Tested Applications:

WB, IP, Indirect ELISA

Species Specificity:

human, mouse

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 -80°C.

Storage Buffer:

PBS only, pH7.3

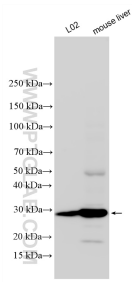
For technical support and original validation data for this product please contact:

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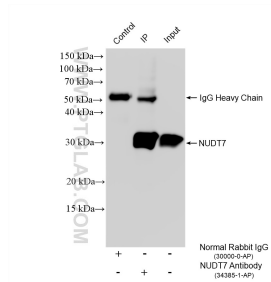
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W: ptglab.com

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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. This data was developed using the same antibody clone with 34385-1-PBS in a different storage buffer formulation.



IP result of anti-NUDT7 (IP:34385-1-AP, 4ug; Detection:34385-1-AP 1:4000) with mouse liver tissue lysate 2480 ug. This data was developed using the same antibody clone with 34385-1-PBS in a different storage buffer formulation.