

For Research Use Only

NUDT7 Polyclonal antibody

Catalog Number: 34385-1-AP



Basic Information

Catalog Number:

34385-1-AP

Size:

150ul , Concentration: 360 ug/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

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

***** 20ul sizes contain 0.1% BSA**

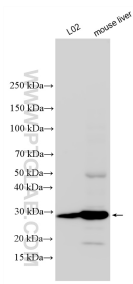
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

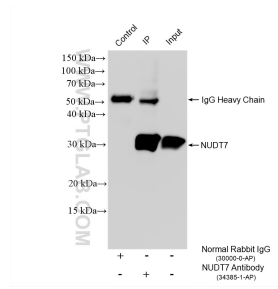
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.