

For Research Use Only

NUDT6 Polyclonal antibody

Catalog Number: 11181-1-AP

Featured Product

8 Publications



Basic Information

Catalog Number:

11181-1-AP

Size:

150ul, Concentration: 350 ug/ml by Nanodrop and 300 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1638

GenBank Accession Number:

BC009842

GeneID (NCBI):

11162

UNIPROT ID:

P53370

Full Name:

nudix (nucleoside diphosphate linked moiety X)-type motif 6

Calculated MW:

36 kDa

Observed MW:

72 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

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

IHC 1:250-1:1000

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB: Jurkat cells, HepG2 cells, human heart tissue, rat heart tissue, rat liver tissue

IP: HepG2 cells,

IHC: human liver tissue, mouse brain tissue, rat colon tissue

IF/ICC: HepG2 cells,

Background Information

NUDT6, also named as FGF2AS and GFG, belongs to the Nudix hydrolase family. It may contribute to the regulation of cell proliferation. NUDT6 maybe a candidate gene for fat deposition. The 72 kDa is a homodimer form of NUDT6.

Notable Publications

Author	Pubmed ID	Journal	Application
Lin Yuan	25703666	Burns	IHC
Ji-Chang Wang	29532562	Cancer Sci	WB
Xinying Wang	28370978	Wound Repair Regen	WB

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

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)

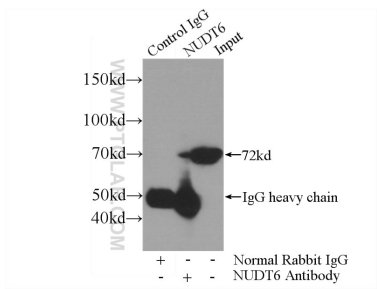
E: proteintech@ptglab.com
W: ptglab.com

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

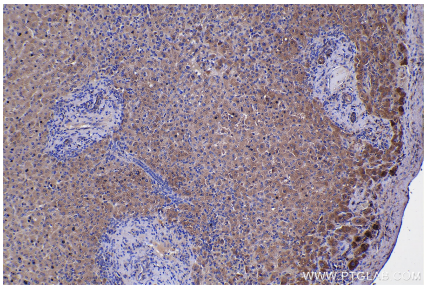
Selected Validation Data



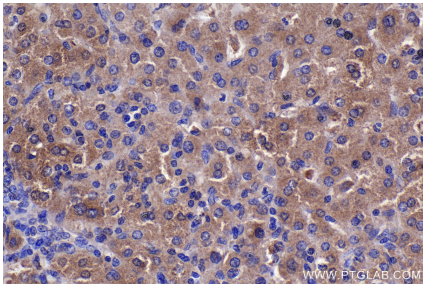
Jurkat cells were subjected to SDS PAGE followed by western blot with 11181-1-AP (NUDT6 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



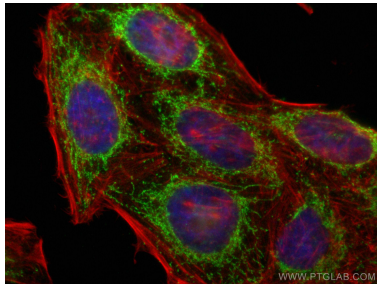
IP result of anti-NUDT6 (IP:11181-1-AP, 4ug; Detection:11181-1-AP 1:500) with HepG2 cells lysate 4000ug.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 11181-1-AP (NUDT6 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 11181-1-AP (NUDT6 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using NUDT6 antibody (11181-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-phalloidin (red).