

For Research Use Only

IDI1 Polyclonal antibody

Catalog Number: 11166-2-AP **5 Publications**



Basic Information

Catalog Number: 11166-2-AP	GenBank Accession Number: BC019227	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 µg/ml by Nanodrop and 233 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 3422	Recommended Dilutions: WB 1:1000-1:3000 IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB
Source: Rabbit	Full Name: isopentenyl-diphosphate delta isomerase 1	
Isotype: IgG	Calculated MW: 31 kDa	
Immunogen Catalog Number: AG1636	Observed MW: 28 kDa	

Applications

Tested Applications: IP, WB, ELISA	Positive Controls: WB : L02 cells, human liver tissue, mouse liver tissue IP : mouse liver tissue,
Cited Applications: WB	
Species Specificity: human, mouse, rat	
Cited Species: human, mouse	

Background Information

IDI1 (Isopentenyl-diphosphate Delta-isomerase 1) is a peroxisomally-localized enzyme that catalyzes the interconversion of isopentenyl diphosphate (IPP) to its highly electrophilic isomer, dimethylallyl diphosphate (DMAPP). It belongs to the IPP isomerase type 1 family. This protein has 2 isoforms produced by alternative splicing with the molecular weight of 26 kDa and 32 kDa.

Notable Publications

Author	Pubmed ID	Journal	Application
King Frank W FW	19789631	PLoS One	WB
Audrey Basque	36279966	Toxicol In Vitro	WB
Henrick Horita	29786648	Proteomes	WB

Storage

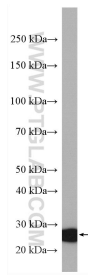
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

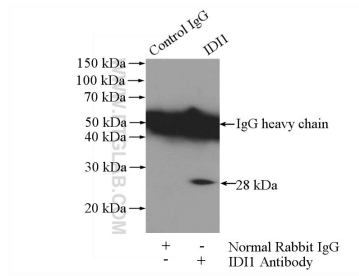
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

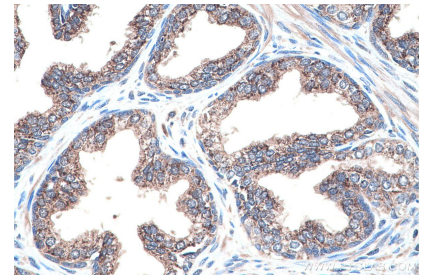
Selected Validation Data



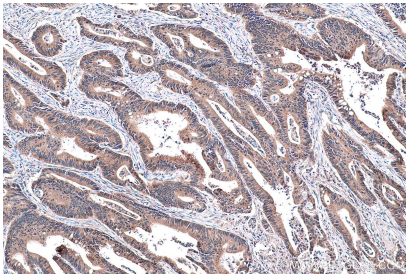
L02 cells were subjected to SDS PAGE followed by western blot with 11166-2-AP (ID1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



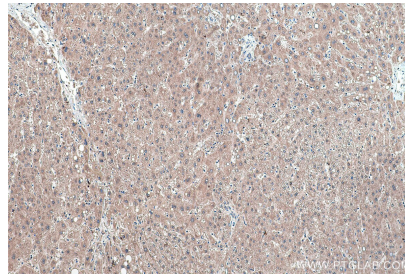
IP Result of anti-ID1 (IP:11166-2-AP, 4ug; Detection:11166-2-AP 1:300) with mouse liver tissue lysate 4000ug.



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 11166-2-AP (ID1 antibody) at dilution of 1:8000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 11166-2-AP (ID1 antibody) at dilution of 1:8000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 11166-2-AP (ID1 antibody) at dilution of 1:8000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 11166-2-AP (ID1 antibody) at dilution of 1:8000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).