

OIP5

Polyclonal ANTIBODY

Catalog Number: 12142-1-AP

Featured Product

6 Publications

Basic Information

Catalog Number:
12142-1-AP

Size:
26 µg/150 µl

Source:
Rabbit

Isotype:
IgG

Purification Method:
Antigen affinity purification

Immunogen Catalog Number:
AG2790

GenBank Accession Number:
BC015050

GenelD (NCBI):
11339

Full Name:
Opa interacting protein 5

Calculated MW:
229aa, 25 kDa

Observed MW:
25 kDa

Recommended Dilutions:

WB 1:500-1:2000

IP 0.5-4.0 µg for IP and 1:500-1:1000 for WB

Applications

Tested Applications:

IP, WB, ELISA

Cited Applications:

IF, IHC, IP, WB

Species Specificity:

human

Cited Species:

human

Note: 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; HeLa cells, PC-3 cells

IP : Jurkat cells;

Background Information

OIP5, also named as IS18B and CT86, is required for recruitment of CENPA to centromeres and normal chromosome segregation during mitosis. It is over expressed in the majority of primary lung and esophageal cancers. OIP5 is a promising target for developing new prognostic biomarkers and anti-cancer drugs.

Notable Publications

Author	Pubmed ID	Journal	Application
Qing Yuan	25378924	Int J Nanomedicine	WB
Jianyu Wang	24519934	J Biol Chem	WB
Hua Li	28184024	Oncotarget	WB

Storage

Storage:

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

Storage Buffer:

PBS with 0.1% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

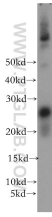
For technical support and original validation data for this product please contact:

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

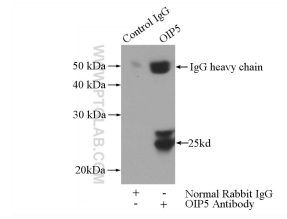
E: proteintech@ptglab.com
 W: ptglab.com

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 12142-1-AP(OIP5 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours



IP Result of anti-OIP5 (IP:12142-1-AP, 3ug; Detection:12142-1-AP 1:500) with Jurkat cells lysate 3200ug.