

For Research Use Only

OIP5 Polyclonal antibody

Catalog Number: 12142-1-AP

Featured Product

11 Publications



Basic Information

Catalog Number:

12142-1-AP

Size:

150ul, Concentration: 240 µg/ml by Nanodrop and 173 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2790

GenBank Accession Number:

BC015050

GeneID (NCBI):

11339

UNIPROT ID:

O43482

Full Name:

Opa interacting protein 5

Calculated MW:

229 aa, 25 kDa

Observed MW:

25 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

Cited Applications:

WB, IP, IF, IHC

Species Specificity:

human

Cited Species:

human, mouse

Positive Controls:

WB : HEK-293 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
Yuwen Li	30816485	Oncol Rep	WB
Jianyu Wang	24519934	J Biol Chem	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

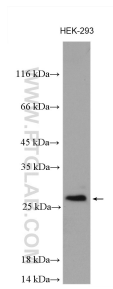
For technical support and original validation data for this product please contact:

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

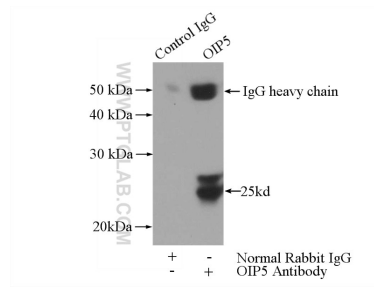
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



HEK-293 cells were subjected to SDS PAGE followed by western blot with 12142-1-AP (OIP5 antibody) at dilution of 1:2000 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.