

For Research Use Only

OIP5 Recombinant antibody, PBS Only

Catalog Number: 85757-5-PBS



Basic Information

Catalog Number:

85757-5-PBS

Concentration:

1 mg/ml

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:

25-30 kDa

Purification Method:

Protein A purification

CloneNo.:

250073A7

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

Background Information

OIP5 is also known as Mis18 β . Vertebrates possess two Mis18 paralogs, Mis18 α and Mis18 β . Mis18 has been previously shown to affect histone modifications and the methylation status of underlying chromatin. Eliminating histone methylation within the alpha satellite DNA repeats of a human artificial chromosome alters the recruitment of HJURP. The Mis18core complex was originally characterized as an oligomer with a proposed 2:2 stoichiometry of Mis18 α and Mis18 β , but additional work demonstrated a 4:2 Mis18 α :Mis18 β hexamer. (PMID: 31492860, PMID: 26942680)

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

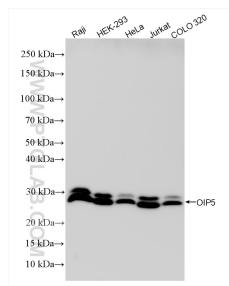
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.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 85757-5-RR (OIP5 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85757-5-PBS in a different storage buffer formulation.