

For Research Use Only

OIP5 Recombinant antibody

Catalog Number: 85757-5-RR



Basic Information

Catalog Number:

85757-5-RR

Concentration:

1000 µg/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

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : Raji cells, HEK-293 cells, HeLa cells, Jurkat cells, COLO 320 cells

Background Information

OIP5 is also known as Mis18β. Vertebrates possess two Mis18 paralogs, Mis18α and Mis18β. 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 Mis18α and Mis18β, but additional work demonstrated a 4:2 Mis18α: Mis18β hexamer. (PMID: 31492860, PMID: 26942680)

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

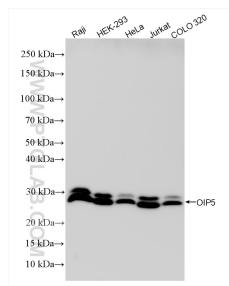
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.