

For Research Use Only

OIP5 Recombinant antibody, PBS Only

Catalog Number: 85757-5-PBS



Basic Information

Catalog Number:

85757-5-PBS

Size:

100ug , Concentration: 1 mg/ml by Nanodrop;

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.

Storage Buffer:

PBS only, pH7.3

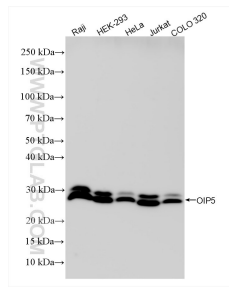
For technical support and original validation data for this product please contact:

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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.