

For Research Use Only

WTAP Recombinant antibody, PBS Only

Catalog Number: 81987-4-PBS



Basic Information

Catalog Number:

81987-4-PBS

Size:

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

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0259

GenBank Accession Number:

BC000383

GeneID (NCBI):

9589

UNIPROT ID:

Q15007

Full Name:

Wilms tumor 1 associated protein

Calculated MW:

45 kDa

Observed MW:

50 kDa

Purification Method:

Protein A purification

CloneNo.:

250657D4

Applications

Tested Applications:

WB, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse

Background Information

WTAP, also named as KIAA0105 and hFL(2)D, is previously identified as a protein associated with Wilms' tumor-1 (WT-1) protein that is essential for the development of the genitourinary system. It is a Pre-mRNA-splicing regulator protein. It is a regulatory subunit of the WMM N6-methyltransferase complex which plays a role in the efficiency of mRNA splicing and processing and mRNA stability. It is required for accumulation of METTL3 and METTL14 to nuclear speckle. MW of WTAP is 45-50 kDa due to phosphorylation.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

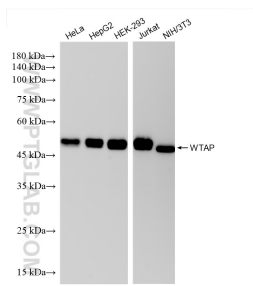
For technical support and original validation data for this product please contact:

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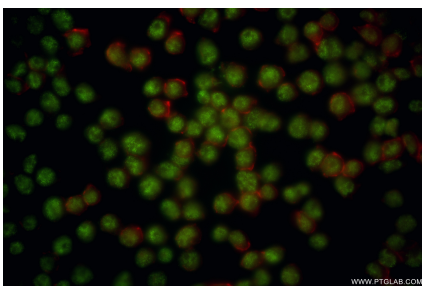
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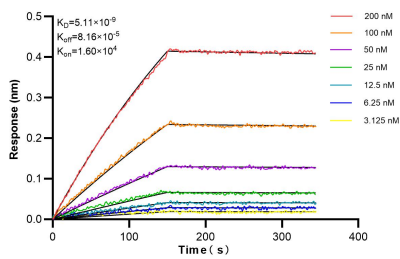
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 81987-4-RR (WTAP antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 81987-4-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed Jurkat cells using WTAP antibody (81987-4-RR, Clone: 250657D4) at dilution of 1:500 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 81987-4-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 81987-4-RR against Human WTAP were performed. The affinity constant is 5.11 nM.