

For Research Use Only

WTAP Recombinant antibody, PBS Only

Catalog Number: 81987-4-PBS



Basic Information

Catalog Number: 81987-4-PBS	GenBank Accession Number: BC000383	Purification Method: Protein A purification
Concentration: 1 mg/ml	GeneID (NCBI): 9589	CloneNo.: 250657D4
Source: Rabbit	UNIPROT ID: Q15007	
Isotype: IgG	Full Name: Wilms tumor 1 associated protein	
Immunogen Catalog Number: AG0259	Calculated MW: 45 kDa	
	Observed MW: 50 kDa	

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.

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:

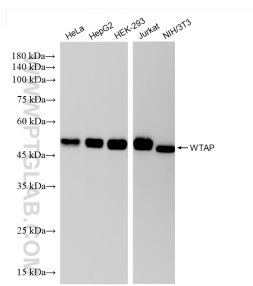
T: 4006900926

E: Proteintech-CN@ptglab.com

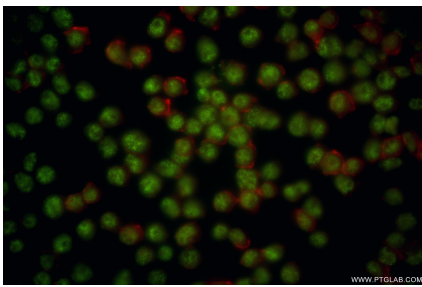
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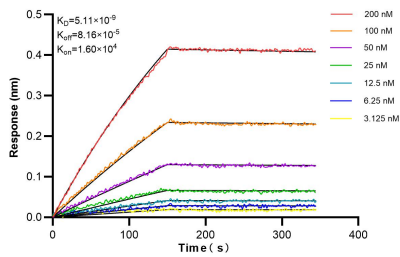
Selected Validation Data



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.