

For Research Use Only

WTAP Monoclonal antibody, PBS Only



Catalog Number: 60188-1-PBS

Featured Product

Basic Information

Catalog Number:

60188-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG1

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.:

4A10G9

Applications

Tested Applications:

WB, IP, Indirect ELISA, IHC, IF

Species Specificity:

human, mouse, rat

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

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

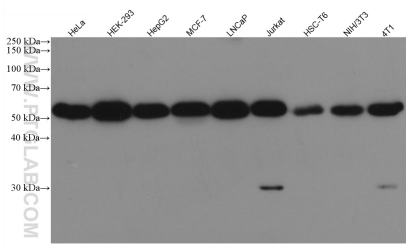
T: 4006900926

E: Proteintech-CN@ptglab.com

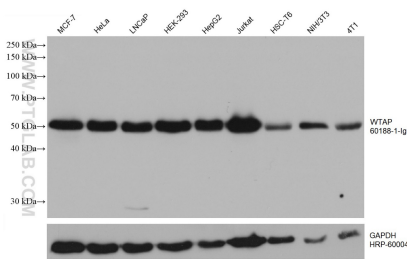
W: ptgcn.com

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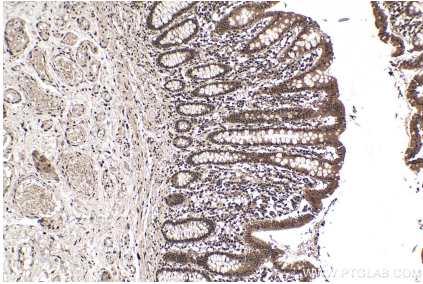
Selected Validation Data



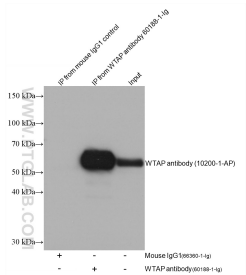
Various lysates were subjected to SDS PAGE followed by western blot with 60188-1-Ig (WTAP antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 60188-1-PBS in a different storage buffer formulation.



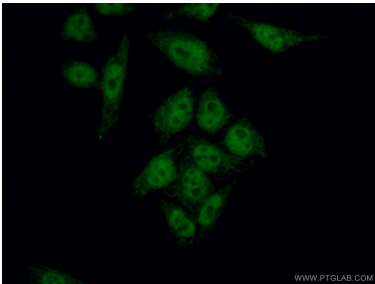
Various lysates were subjected to SDS PAGE followed by western blot with 60188-1-Ig (WTAP antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control. This data was developed using the same antibody clone with 60188-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 60188-1-Ig (WTAP antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 60188-1-PBS in a different storage buffer formulation.



IP result of anti-WTAP (IP:60188-1-Ig, 4ug; Detection:10200-1-AP 1:8000) with HeLa cells lysate 2000 ug. This data was developed using the same antibody clone with 60188-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using 60188-1-Ig (WTAP antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 60188-1-PBS in a different storage buffer formulation.