

Product Name: WTAP Mouse Monoclonal Antibody
Catalog #: AMM81474



Summary

Production Name	WTAP Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	WB,IHC,ICC,FC,ELISA
Reactivity	Human,Mouse,Rat,Rabbit,Monkey

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Immunogen

Gene Name	WTAP
Alternative Names	PNAS-132;hFL(2)D;KIAA0105
Gene ID	9589.0
SwissProt ID	Q15007.Purified recombinant fragment of human WTAP (AA: 91-201) expressed in E. Coli.

Application

Dilution Ratio	WB:1:500-1:2000,IHC:1:100-1:500,ICC:1:50-1:500,FC:1:200-1:400,ELISA:1:10000
Molecular Weight	44.2kDa

Background

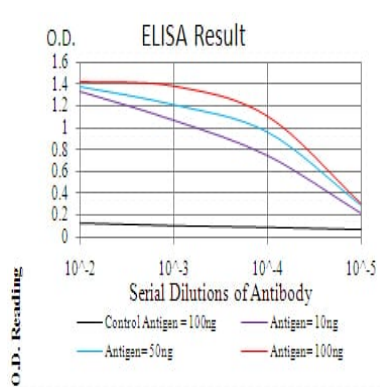
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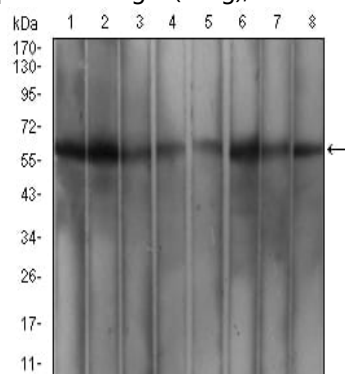
The Wilms tumor suppressor gene WT1 appears to play a role in both transcriptional and posttranscriptional regulation of certain cellular genes. This gene encodes a WT1-associating protein, which is a ubiquitously expressed nuclear protein. Like WT1 protein, this protein is localized throughout the nucleoplasm as well as in speckles and partially colocalizes with splicing factors. Alternative splicing of this gene results in several transcript variants encoding three different isoforms.

Research Area

Image Data

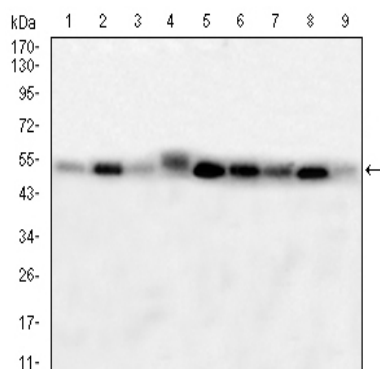


Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);

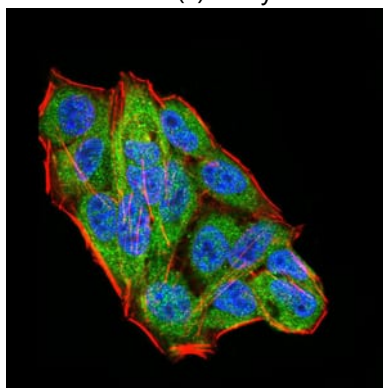


Western blot analysis using WTAP mouse mAb against MCF-7 (1), Hela (2), K562 (3), Hek293 (4), A549 (5), HepG2 (6), Jurkat (7), and Cos7 (8) cell lysate.

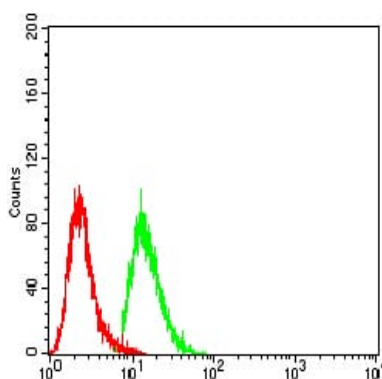
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Western blot analysis using WTAP mouse mAb against PC-12(1)NIH/3T3(2) NRK(3) C2C12 (4) C6(5) L1210(6) F9(7) COS7(8) CHO3D10(9) cell lysate.

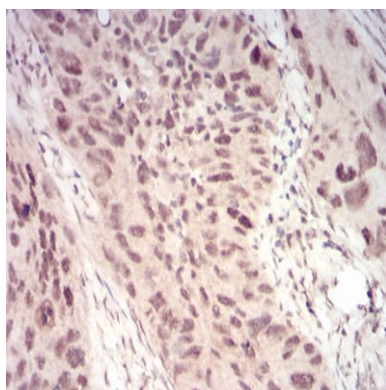


Immunofluorescence analysis of Hela cells using WTAP mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)

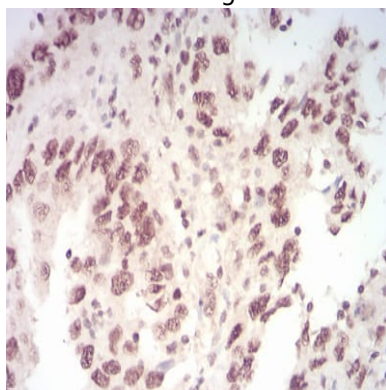


Flow cytometric analysis of A549 cells using WTAP mouse mAb (green) and negative control (red).

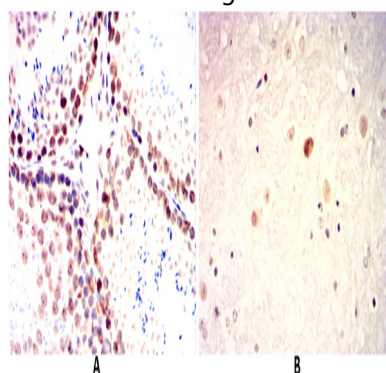
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Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues using WTAP mouse mAb with DAB staining.

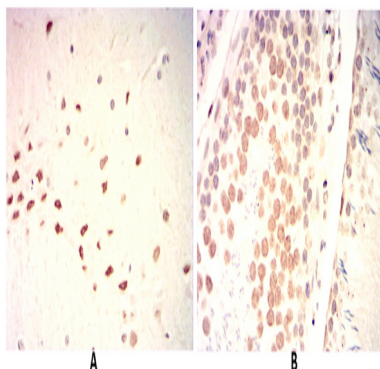


Immunohistochemical analysis of paraffin-embedded human endometrial cancer tissues using WTAP mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded Mouse testicles(A) Mouse cerebellum(B) using WTAP mouse mAb with DAB staining.

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Immunohistochemical analysis of paraffin-embedded Rat brain(A) Rat testicles(B) using WTAP mouse mAb with DAB staining.

Note

For research use only.