

Product Name: KD-Validated WTAP Mouse Monoclonal Antibody**Catalog #: KVA00029**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Mouse
Application	WB,FCM,ICC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Mouse mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2,500; FC 1:200-1:2,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 44.2kDa

Antigen Information

Gene Name	WTAP
Alternative Names	WTAP; WT1 Associated Protein; KIAA0105; Mum2; Wilms Tumor 1-Associating Protein; Wilms Tumor 1 Associated Protein; Pre-mRNA-Splicing Regulator WTAP; Female-Lethal(2)D Homolog; MGC3925; HFL(2)D; Putative Pre-mRNA Splicing Regulator Female-Lethal(2D); Wilms' Tumour 1-Associating Protein; WT1-Associated Protein; PNAS-132
Gene ID	9589.0
SwissProt ID	Q15007
Immunogen	Recombinant protein of human WTAP

Background

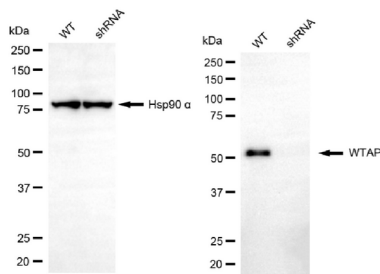
The Wilms tumor suppressor gene WT1 appears to play a role in both transcriptional and posttranscriptional regulation of

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. [provided by RefSeq, Jul 2012]

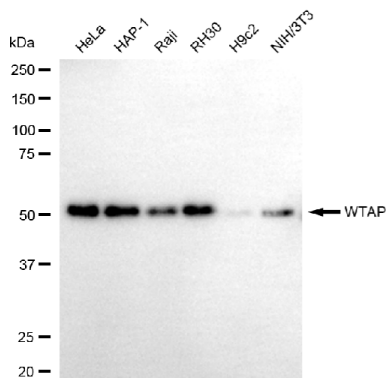
Research Area

Cancer

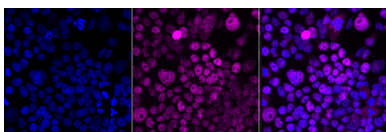
Image Data



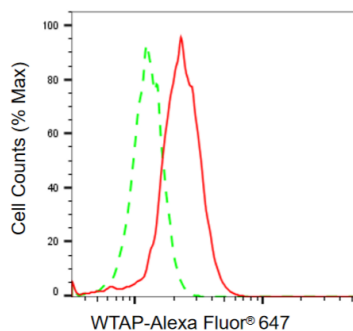
Western blotting analysis using WTAP antibody (KVA00029). WTAP expression in wild-type (WT) and WTAP shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with WTAP antibody (KVA00029, 1:1,000) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Western blotting analysis using WTAP antibody (KVA00029). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with WTAP antibody (KVA00029, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Immunocytochemical staining of HeLa cells with WTAP antibody (KVA00029, 1:1,000). Nuclei were stained blue with DAPI; WTAP was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser intensity and smart gain: Low. Scale bar: 20 µm.



Flow cytometric analysis of WTAP expression in HeLa cells using WTAP antibody (KVA00029, 1:2,000). Green, isotype control; red, WTAP.