

Anti-WTAP Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

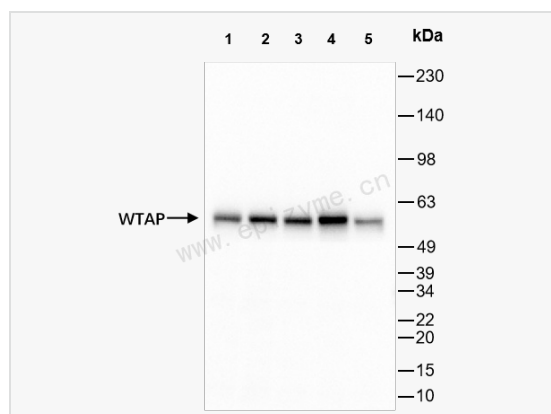
Catalog # R012883

Product Information

Application	WB, IHC-P, IF (Cell)/ICC, IF (Tissue-P), ELISA
Reactivity	Human
Dilution	WB 1:1,000~1:2,000; IHC-P 1:100~1:200; IF 1:50~1:100
Host	Rabbit
Clonality	Monoclonal
Clone No.	45L08K48
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant protein of human WTAP
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-WTAP Rabbit mAb [45L08K48] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	DKFZp686F20131; Female-lethal(2)D homolog; FL2D_HUMAN; hFL(2)D; KIAA0105; MGC3925; Mum2; OTTHUMP00000017522; OTTHUMP00000017523; PNAS 132; PNAS-132; PNAS132; Pre mRNA splicing regulator WTAP; Pre-mRNA-splicing regulator WTAP; Putative pre mRNA splicing regulator female lethal 2D homolog; Putative pre mRNA splicing regulator female lethal(2D); Putative pre-mRNA splicing regulator female lethal(2D) homolog; putative pre-mRNA splicing regulator female-lethal(2D); Wilms tumor 1 associated protein; Wilms tumor 1 associating protein; Wilms tumor 1-associating protein; Wilms' tumor 1 associating protein; Wilms' tumour 1-associating protein; WT1 associated protein; WT1-associated protein; WT1-associating protein; wtap.
Calculated MW	Calculated MW: 44 kDa; Observed MW: 55 kDa
Uniprot ID	Q15007
Gene ID	9589
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]
Cellular Location	Nucleus > nucleolus.
Tissue Location	Ubiquitously expressed.



Western Blot - Anti-WTAP Rabbit mAb [45L08K48]

All lanes: R012883 at 1:1,000 dilution

Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates

Lane 2: Huh1 (Human hepatocarcinoma epithelial cell) whole cell lysates

Lane 3: HepG2 (Human hepatocarcinoma epithelial cell) whole cell lysates

Lane 4: 293T (Human embryonic kidney cell) whole cell lysates

Lane 5: U87 (Human malignant glioblastoma epithelial cells) whole cell lysates

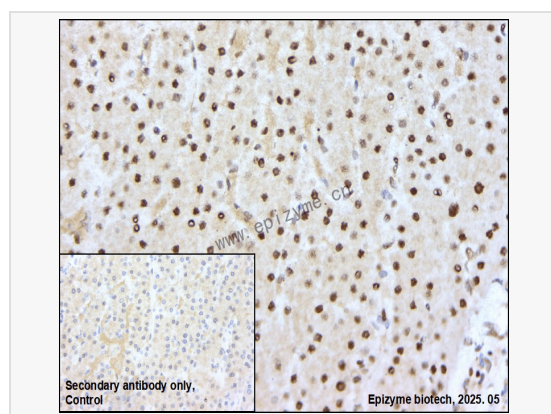
Lysates/proteins at 10 µg per lane.

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 44 kDa

Observed band size: 55 kDa

Developed using the ECL technique (Cat. No. SQ201).



Immunohistochemistry - Anti-WTAP Rabbit mAb [45L08K48]

Sample: Paraformaldehyde-fixed, paraffin embedded human hepatoma tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R012883 at 1:200 dilution

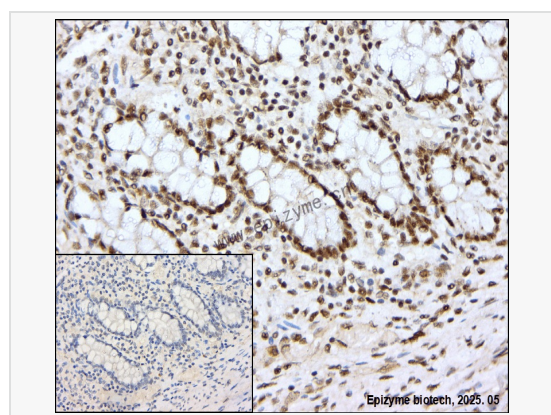
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

DAB was used as the chromogen.

Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.



Immunohistochemistry - Anti-WTAP Rabbit mAb [45L08K48]

Sample: Paraformaldehyde-fixed, paraffin embedded human colonic cancer tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R012883 at 1:200 dilution

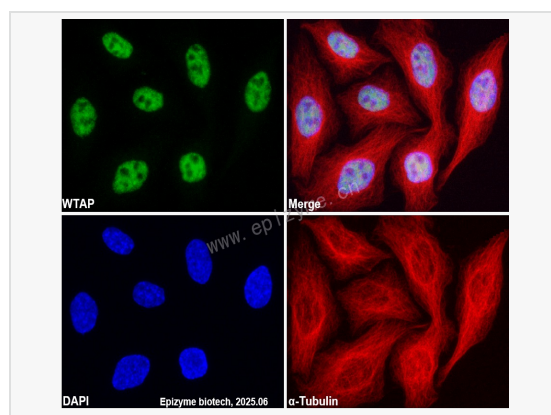
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

DAB was used as the chromogen.

Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.



Immunofluorescence - Anti-WTAP Rabbit mAb [45L08K48]

Sample: HeLa cells

The cells were fixed with 4% paraformaldehyde (10 min), permeabilized with 0.1% Triton X-100 for 5 minutes and then blocked with 5% BSA in 0.1% PBS-Tween for 0.5 hours.

Primary antibodies: R012883 at 1:100 dilution and α-tubulin Mouse Monoclonal

Antibody (Cat. No. LF209) at 1:100 dilution

Secondary antibodies: Goat anti-Rabbit (488) at 1:1,000 dilution (shown in green) and

Goat anti-Mouse (555) at 1:1,000 dilution (shown in red)

Nuclei were stained with DAPI (shown in blue).