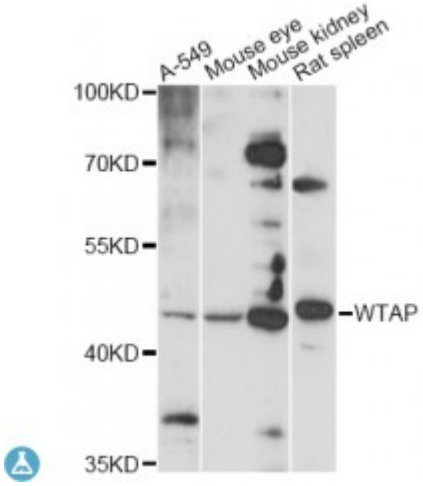
Anti-WTAP Antibody



Description	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.

Model	STJ116896
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-396 of human WTAP (NP_004897.2).
Gene ID	9589
Gene Symbol	WTAP
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Ubiquitously expressed
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Pre-mRNA-splicing regulator WTAP Female-lethal(2 D homolog hFL(2 D WT1-associated protein Wilms tumor 1-associating protein

Molecular Weight	44.244 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:16846OMIM:605442Reactome:R-HSA-72203
Alternative Names	Pre-mRNA-splicing regulator WTAP Female-lethal(2 D homolog hFL(2 D WT1-associated protein Wilms tumor 1-associating protein
Function	Regulatory subunit of the WMM N6-methyltransferase complex, a multiprotein complex that mediates N6-methyladenosine (m6A) methylation of some adenosine residues of some mRNAs and plays a role in the efficiency of mRNA splicing, processing and mRNA stability, Required for accumulation of METTL3 and METTL14 to nuclear speckle ,
Cellular Localization	Nucleus, nucleoplasm