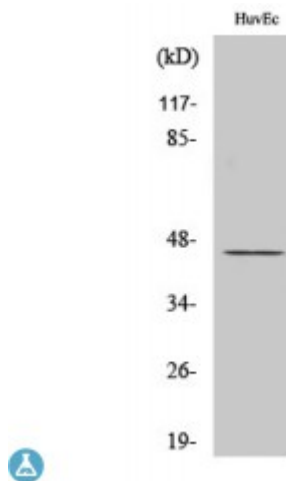


Anti-WTAP antibody



Description	Rabbit polyclonal to WTAP.
Model	STJ96273
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human WTAP
Immunogen Region	290-370 aa, C-terminal
Gene ID	9589
Gene Symbol	WTAP
Dilution range	WB 1:500-1:2000IHC 1:100-1:300ELISA 1:20000
Specificity	WTAP Polyclonal Antibody detects endogenous levels of WTAP protein.
Tissue Specificity	Ubiquitously expressed.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Pre-mRNA-splicing regulator WTAP Female-lethal 2D homolog hFL 2D WT1-associated protein Wilms tumor 1-associating protein
Molecular Weight	44 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:16846 OMIM:605442
Alternative Names	Pre-mRNA-splicing regulator WTAP Female-lethal 2D homolog hFL 2D 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 . Acts as a mRNA splicing regulator . Regulates G2/M cell-cycle transition by binding to the 3' UTR of CCNA2, which enhances its stability . Impairs WT1 DNA-binding ability and inhibits expression of WT1 target genes .
Cellular Localization	Nucleus, nucleoplasm Nucleus speckle

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