

Anti-WTAP Antibody (clone 1B11)
Mouse Anti Human Monoclonal Antibody
Catalog # ALS17991**Specification**

Anti-WTAP Antibody (clone 1B11) - Product Information

Application	WB, IHC-P, E
Primary Accession	Q15007
Predicted	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a,k
Calculated MW	44244

Anti-WTAP Antibody (clone 1B11) - Additional Information**Gene ID** 9589**Alias Symbol** WTAP**Other Names**

WTAP, HFL(2)D, KIAA0105, PNAS-132, WT1-associated protein, Female-lethal(2)D homolog

Target/Specificity

Human WTAP

Reconstitution & Storage

Protein A purified

Precautions

Anti-WTAP Antibody (clone 1B11) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-WTAP Antibody (clone 1B11) - Protein Information**Name** WTAP {ECO:0000303|PubMed:11001926, ECO:0000312|HGNC:HGNC:16846}**Function**

Associated component of the WMM complex, a complex that mediates N6-methyladenosine (m6A) methylation of RNAs, a modification that plays a role in the efficiency of mRNA splicing and RNA processing (PubMed:29507755). Required for accumulation of METTL3 and METTL14 to nuclear speckle (PubMed:24316715, PubMed:24407421, PubMed:24981863). Acts as a mRNA splicing regulator (PubMed:12444081). Regulates G2/M cell-cycle transition by binding to the 3' UTR of CCNA2, which enhances its stability (PubMed:17088532).

Impairs WT1 DNA-binding ability and inhibits expression of WT1 target genes (PubMed:17095724).

Cellular Location

Nucleus speckle. Nucleus, nucleoplasm. Cytoplasm {ECO:0000250|UniProtKB:Q9ER69}.
Note=Mainly nuclear with some fraction located in the cytoplasm. ZC3H13 is required to anchor component of the MACOM subcomplex, such as VIRMA, in the nucleus {ECO:0000250|UniProtKB:Q9ER69}

Tissue Location

Ubiquitously expressed.

Anti-WTAP Antibody (clone 1B11) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-WTAP Antibody (clone 1B11) - Images