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# Datasheet for ABIN7164194 anti-WTAP antibody (AA 1-151)

3 Images



#### Overview

Quantity:	100 µg
Target:	WTAP
Binding Specificity:	AA 1-151
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This WTAP antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

### Product Details

Immunogen:	Recombinant Human Pre-mRNA-splicing regulator WTAP protein (1-151AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	>95%, Protein G purified

## Target Details

Target:	WTAP
Alternative Name:	WTAP (WTAP Products)
Background:	Background: Regulatory subunit of the WMM N6-methyltransferase complex, a multiprotein
	complex that mediates N6-methyladenosine (m6A) methylation of some adenosine residues of

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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
(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).
Aliases: DKFZp686F20131 antibody, Female-lethal(2)D homolog antibody, FL2D_HUMAN
antibody, hFL(2)D antibody, KIAA0105 antibody, MGC3925 antibody, Mum2 antibody,
OTTHUMP00000017522 antibody, OTTHUMP00000017523 antibody, PNAS 132 antibody,
PNAS-132 antibody, PNAS132 antibody, Pre mRNA splicing regulator WTAP antibody, Pre-
mRNA-splicing regulator WTAP antibody, Putative pre mRNA splicing regulator female lethal 2D
homolog antibody, Putative pre mRNA splicing regulator female lethal(2D) antibody, Putative
pre-mRNA splicing regulator female lethal(2D) homolog antibody, putative pre-mRNA splicing
regulator female-lethal(2D) antibody, Wilms tumor 1 associated protein antibody, Wilms tumor
1 associating protein antibody, Wilms tumor 1-associating protein antibody, Wilms' tumor 1
associating protein antibody, Wilms' tumour 1-associating protein antibody, WT1 associated
protein antibody, WT1-associated protein antibody, WT1-associating protein antibody, wtap
antibody

UniProt:

Q15007

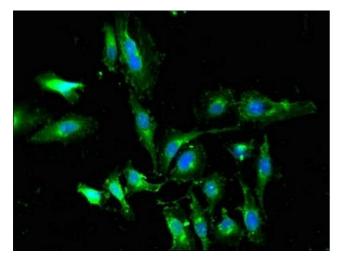
# Application Details

Application Notes:	Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200, IF:1:50-1:200,
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C

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Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

#### Images



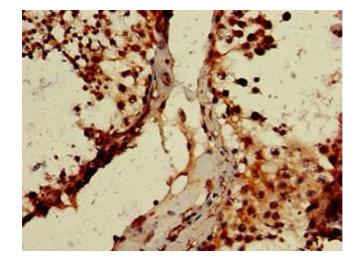
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#### Immunofluorescence

**Image 1.** Immunofluorescent analysis of Hela cells using ABIN7164194 at dilution of 1:100 and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L)

#### Western Blotting

**Image 2.** Western Blot Positive WB detected in: Mouse kidney tissue, Rat heart tissue, Rat liver tissue All lanes: WTAP antibody at 3 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 45, 18 kDa Observed band size: 45 kDa



#### Immunohistochemistry

**Image 3.** Immunohistochemistry of paraffin-embedded human testis tissue using ABIN7164194 at dilution of 1:100

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