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Datasheet for ABIN7164195
anti-WTAP antibody (AA 1-151) (Biotin)

Overview

Quantity:	100 µg
Target:	WTAP
Binding Specificity:	AA 1-151
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This WTAP antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Pre-mRNA-splicing regulator WTAP protein (1-151AA)
Isotype:	IgG
Cross-Reactivity:	Human
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

Target Details

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: Optimal working dilution should be determined by the investigator.

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

Handling

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