

Datasheet for ABIN7120845 **anti-WTAP antibody**

[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	WTAP
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Wilms tumor 1 associated protein
Clone:	9D4
Isotype:	IgG1
Purification:	Protein A+G purification
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	WTAP
Alternative Name:	WTAP (WTAP Products)
Background:	Synonyms:DKFZp686F20131, Female lethal(2)D homolog, hFL(2)D, KIAA0105, WT1 associated protein, WTAP Background: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

Target Details

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).

Molecular Weight: 49 kDa

Gene ID: 9589

UniProt: [Q15007](#)

Application Details

Application Notes: WB: 1:1000-1:10000, IHC: 1:50-1:500

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months