

For Research Use Only

ZCWPW2 Polyclonal antibody

Catalog Number: 32904-1-AP



Basic Information

Catalog Number: 32904-1-AP	GenBank Accession Number: BC094696	Purification Method: Antigen affinity Purification
Concentration: 450 ug/ml	GeneID (NCBI): 152098	Recommended Dilutions: WB 1:1000-1:4000
Source: Rabbit	UNIPROT ID: Q504Y3	
Isotype: IgG	Full Name: zinc finger, CW type with PWWP domain 2	
Immunogen Catalog Number: AG36666	Observed MW: 47 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells, Jurkat cells, U-251 cells
Species Specificity: human	

Background Information

ZCWPW2 (Zinc Finger CW-type and PWWP Domain Containing 2) is a protein containing CW-type zinc finger and PWWP domains. It mainly serves as a histone methylation "reader" protein that binds lysine 4 (H3K4me0, H3K4me1, H3K4me3) in different methylation states on histone H3, and is involved in the regulation of chromatin structure and gene expression. In addition, ZCWPW2 protein plays an important role in meiosis and germ cell development, and its function is closely related to PRDM9 protein, which may be a key interacting protein in the mechanism of double-strand break repair or recombination.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

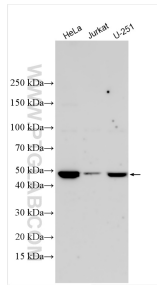
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32904-1-AP (ZCWP2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.