

For Research Use Only

ZCWPW2 Polyclonal antibody, PBS Only

Catalog Number: 32904-1-PBS



Basic Information

Catalog Number: 32904-1-PBS	GenBank Accession Number: BC094696	Purification Method: Antigen affinity Purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 152098	
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, Indirect ELISA

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 -80°C.

Storage Buffer:
PBS only, pH7.3

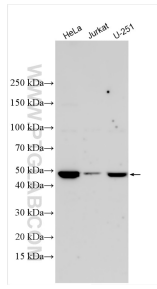
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32904-1-AP (ZCWPW2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 32904-1-PBS in a different storage buffer formulation.