

For Research Use Only

PIWIL4 Polyclonal antibody, PBS Only

Catalog Number:12966-1-PBS



Basic Information

Catalog Number: 12966-1-PBS	GenBank Accession Number: BC031060	Purification Method: Antigen affinity purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 143689	
Source: Rabbit	UNIPROT ID: Q7Z3Z4	
Isotype: IgG	Full Name: piwi-like 4 (Drosophila)	
Immunogen Catalog Number: AG3613	Calculated MW: 852 aa, 97 kDa	
	Observed MW: 97 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

PIWIL4 (Piwi-like RNA-mediated gene silencing 4) is a member of the PIWI protein family and is mainly involved in the development and maintenance of reproductive stem cells. PIWIL4 regulates the biosynthesis and function of piRNA in germ cells by binding to PIWI-interacting RNA (piRNA). Furthermore, PIWIL4 is abnormally expressed in a variety of cancers and plays a promoting role in cancer.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

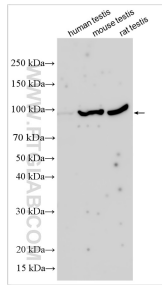
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 12966-1-AP (PIWI4 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 12966-1-PBS in a different storage buffer formulation.