

For Research Use Only

PIWIL4 Polyclonal antibody

Catalog Number: 12966-1-AP



Basic Information

Catalog Number:

12966-1-AP

Concentration:

500 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3613

GenBank Accession Number:

BC031060

GeneID (NCBI):

143689

UNIPROT ID:

Q7Z3Z4

Full Name:

piwi-like 4 (Drosophila)

Calculated MW:

852 aa, 97 kDa

Observed MW:

97 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:6000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : human testis tissue, mouse testis tissue, rat testis tissue

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 -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:

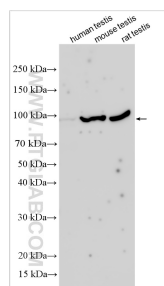
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 12966-1-AP (PIWIL4 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.