

PIWIL2 Rabbit pAb

Catalog No.: A6044

2 Publications

Basic Information

Observed MW

110kDa

Calculated MW

105kDa/109kDa

Category

Primary antibody

Applications

WB, ELISA

Cross-Reactivity

Mouse, Rat

Background

Enables RNA binding activity; endoribonuclease activity; and polysome binding activity. Involved in several processes, including germ-line stem cell population maintenance; nucleic acid metabolic process; and positive regulation of cellular protein metabolic process. Acts upstream of or within oogenesis and positive regulation of meiosis I. Located in several cellular components, including cytoplasmic ribonucleoprotein granule; dense body; and perinucleolar chromocenter. Part of PET complex. Is expressed in central nervous system; genitourinary system; and sensory organ. Orthologous to human PIWIL2 (piwi like RNA-mediated gene silencing 2).

Recommended Dilutions

WB 1:1000 - 1:3000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

57746

Swiss Prot

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

mili; Piwil11; PIWIL2

Contact

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Product Information

Source

Rabbit

Isotype

IgG

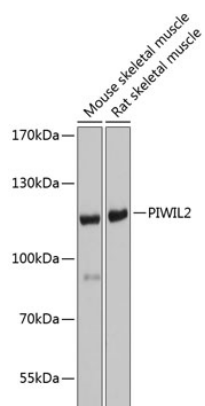
Purification

Affinity purification

Storage

Store at -20°C

Validation Data



Western blot analysis of various lysates using PIWIL2 Rabbit pAb (A6044) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 5s.