

PIWIL1 Rabbit mAb

Catalog No: #59725

Package Size: #59725-1 50ul #59725-2 100ul

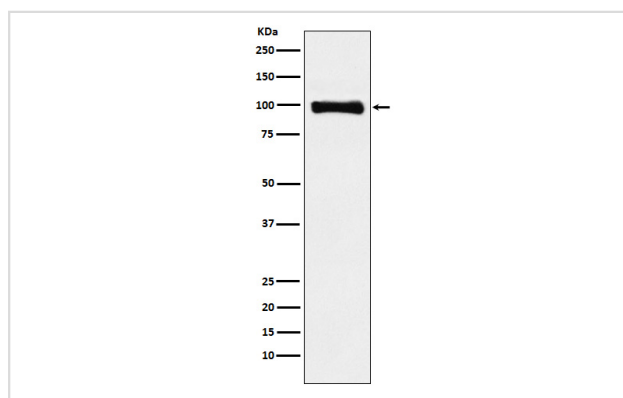
Description

Product Name	PIWIL1 Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB
Species Reactivity	Human Mouse Rat
Specificity	PIWIL1 Antibody detects endogenous levels of total PIWIL1
Immunogen Description	A synthesized peptide derived from human PIWIL1
Other Names	HIWI; MIWI; PIWI; PIWIL1;
Accession No.	Uniprot:Q96J94
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Application Details

WB 1:500~1:2000

Images



Western blot analysis of PIWIL1 expression in HepG2 cell lysate.

Background

Plays a central role during spermatogenesis by repressing transposable elements and prevent their mobilization, which is essential for the germline integrity. Acts via the piRNA metabolic process, which mediates the repression of transposable elements during meiosis by forming complexes composed of piRNAs and Piwi proteins and govern the methylation and subsequent repression of transposons.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.