

AP46130PU-N**Polyclonal Antibody to PIWIL4 (N-term) - Aff - Purified**

Alternate names:	HIWI2, MIWI2, PIWI, Piwi-like protein 4
Quantity:	50 µg
Background:	PIWIL4 belongs to the Argonaute family of proteins, which function in development and maintenance of germline stem cells.
Uniprot ID:	Q7Z3Z4
NCBI:	NM_152431
GeneID:	143689
Host:	Rabbit
Immunogen:	Synthetic peptide directed towards the N-terminal of human PIWIL4 AA Sequence: LSNNEASSSNGFLGTSRISTNDKYGISSGDAGSTFMERGVKNKQDFMDLS
Format:	State: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. Purification: Immunoaffinity column
Applications:	Western blotting (0.2 - 1 µg/ml). Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Molecular Weight:	PIWIL4: 96 kDa
Species Reactivity:	Tested: Human.
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	"The induction of H3K9 methylation by PIWIL4 at the p16Ink4a locus." Sugimoto K., Kage H., Aki N., Sano A., Kitagawa H., Nagase T., Yatomi Y., Ohishi N., Takai D. Biochem. Biophys. Res. Commun. 359:497-502 (2007) [PubMed: 17544373]

Pictures:

WB Suggested Anti-PIWIL4 Antibody
Titration: 0.2-1 ug/ml; Positive Control:
HT1080 cell lysate

168 kDa__
144 kDa__
90 kDa__
65 kDa__
40 kDa__

