



# Anti-PIWIL3 (full length) polyclonal antibody (CPBT-43544MH)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Mouse Polyclonal antibody to Human PIWIL3.
<b>Antigen Description</b>	PIWIL3 belongs to the Argonaute family of proteins, which function in development and maintenance of germline stem cells (Sasaki et al., 2003)
<b>Specificity</b>	Expressed in testis.
<b>Immunogen</b>	Recombinant full length human PIWIL3.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Purification</b>	Protein A purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB
<b>Sequence Similarities</b>	Belongs to the argonaute family. Piwi subfamily. Contains 1 PAZ domain. Contains 1 Piwi domain.
<b>Cellular Localization</b>	Cytoplasm. Probable component of the meiotic nuage, also named P granule, a germ-cell-specific organelle required to repress transposon during meiosis.
<b>Format</b>	Liquid
<b>Size</b>	50 µg

<b>Buffer</b>	Preservative: None Constituents: 1X PBS, pH 7.2
<b>Preservative</b>	None
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">PIWIL3 piwi-like 3 (Drosophila) [ Homo sapiens ]</a>
<b>Official Symbol</b>	PIWIL3
<b>Synonyms</b>	PIWIL3; piwi-like 3 (Drosophila); piwi-like protein 3; HIWI3; HIWI3; Piwi like 3; Piwi-like 3; Piwi-like protein 3; PIWIL3; PIWL3_HUMAN;
<b>Entrez Gene ID</b>	<a href="#">440822</a>
<b>Protein Refseq</b>	<a href="#">NP_001008496</a>
<b>UniProt ID</b>	<a href="#">Q7Z3Z3</a>
<b>Chromosome Location</b>	22q11.23
<b>Pathway</b>	Dorso-ventral axis formation, organism-specific biosystem; Dorso-ventral axis formation, conserved biosystem;
<b>Function</b>	RNA binding;