



Human PIWIL1 blocking peptide (CDBP2315)

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

PRODUCT INFORMATION

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| Product Overview | Blocking/Immunizing peptide for anti-PIWI/HIWI antibody |
| Antigen Description | This gene encodes a member of the PIWI subfamily of Argonaute proteins, evolutionarily conserved proteins containing both PAZ and Piwi motifs that play important roles in stem cell self-renewal, RNA silencing, and translational regulation in diverse organisms. The encoded protein may play a role as an intrinsic regulator of the self-renewal capacity of germline and hematopoietic stem cells. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2010] |
| Species | Human |
| Conjugate | Unconjugated |
| Applications | Apuri, BL, ELISA |
| Format | Lyophilized powder |
| Size | 100 µg |
| Preservative | None |
| Storage | Shipped at ambient temperature, store at -20°C. |

GENE INFORMATION

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| Gene Name | PIWIL1 piwi-like 1 (Drosophila) [Homo sapiens] |
| Official Symbol | PIWIL1 |
| Synonyms | PIWIL1; piwi-like 1 (Drosophila); piwi (Drosophila) like 1; piwi-like protein 1; HIWI; PIWI; piwi homolog; MIWI; |

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|----------------------------|---|
| Entrez Gene ID | 9271 |
| mRNA Refseq | NM_001190971 |
| Protein Refseq | NP_001177900 |
| UniProt ID | Q96J94 |
| Chromosome Location | 12q24.33 |
| Pathway | Dorso-ventral axis formation, organism-specific biosystem; Dorso-ventral axis formation, conserved biosystem; |
| Function | mRNA binding; piRNA binding; protein binding; single-stranded RNA binding; |
