



Human PIWIL1 blocking peptide (CDBP2315)

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

PRODUCT INFORMATION

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

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;

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;