

Product datasheet for **AP51992PU-N**

H2BFWT (Center) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1/1000. Western Blot: 1/100-1/500.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 60-88 amino acids from the Central region of Human H2BFWT
Specificity:	This antibody recognizes
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A column, followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	H2B histone family member W, testis specific
Database Link:	Entrez Gene 158983 Human Q7Z2G1



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Background:

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene encodes a member of the H2B histone family that is specifically expressed in sperm nuclei. A polymorphism in the 5' UTR of this gene is associated with male infertility.

Synonyms:

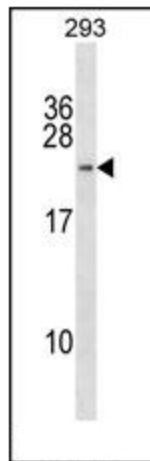
Histone H2B type W-T

Note:

Molecular Weight: 19618 Da

Protein Pathways:

Systemic lupus erythematosus

Product images:

Western blot analysis of H2BFWT Antibody (Center) in 293 cell line lysates (35ug/lane). This demonstrates the H2BFWT antibody detected the H2BFWT protein (arrow).