

Histone H2B Polyclonal Antibody

Catalog No.	A1958	Category	Polyclonal Antibodies
Applications	WB, IHC	Observed MW	15kDa
Cross-reactivity	Human, Mouse, Rat	Calculated MW	13kDa

Immunogen Information

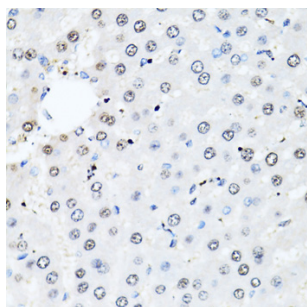
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-126 of human HIST2H2BE (NP_003519.1).
Gene ID	8349
Swiss prot	Q16778
Synonyms	HIST2H2BE; GL105; H2B; H2B.1; H2BFQ; H2BGL105; H2BQ; histone H2B type 2-E

Product information

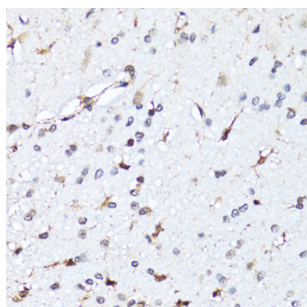
Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

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 replication-dependent histone that is a member of the histone H2B family, and generates two transcripts through the use of the conserved stem-loop termination motif, and the polyA addition motif. The protein has antibacterial and antifungal antimicrobial activity.



Immunohistochemistry - Histone H2B Polyclonal Antibody (A1958)

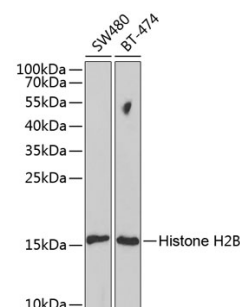


Immunohistochemistry - Histone H2B Polyclonal Antibody (A1958)

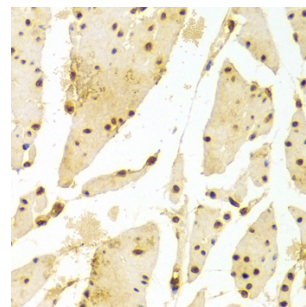
Recommended Dilutions

WB 1:500 -
1:2000

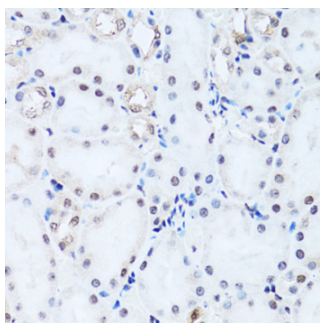
IHC 1:50 -
1:200



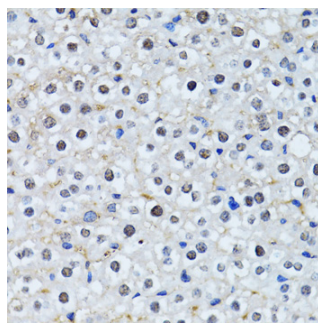
Western blot - Histone H2B Polyclonal Antibody (A1958)



Immunohistochemistry - Histone H2B Polyclonal Antibody (A1958)



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