

HIST1H2BG Rabbit Polyclonal Antibody

Catalog No: #55631

Package Size: #55631-1 50ul #55631-2 100ul

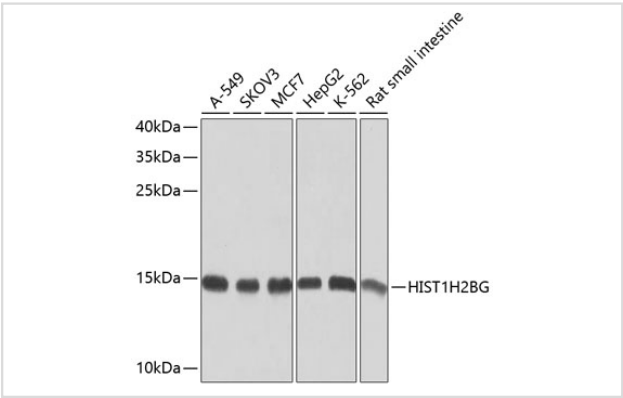
Description

Product Name	HIST1H2BG Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant protein of human HIST1H2BG
Conjugates	Unconjugated
Other Names	HIST1H2BG;H2B.1A;H2B/a;H2BFA
Accession No.	Swiss Prot:P62807Gene ID:8339
Calculated MW	13kDa
SDS-PAGE MW	14kDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

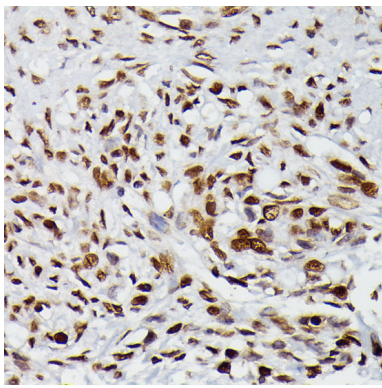
Application Details

WB 1:500 - 1:2000IHC 1:50 - 1:200IF 1:50 - 1:200

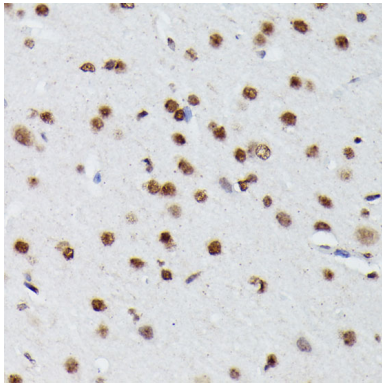
Images



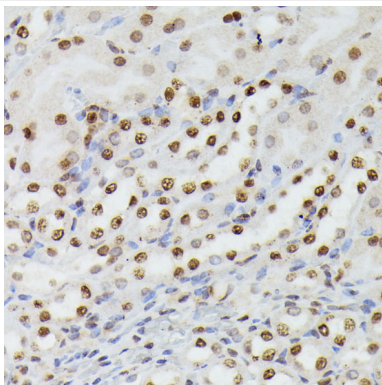
Western blot analysis of extracts of various cell lines, using HIST1H2BG antibody.



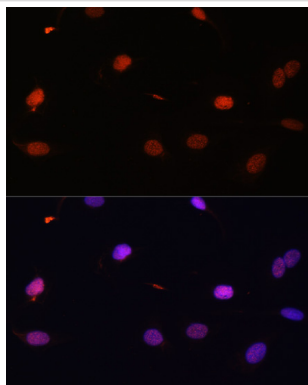
Immunohistochemistry of paraffin-embedded human oophoroma using Histone H2B type 1-C antibody.



Immunohistochemistry of paraffin-embedded rat brain using Histone H2B type 1-C antibody.



Immunohistochemistry of paraffin-embedded mouse kidney using Histone H2B type 1-C antibody.



Immunofluorescence analysis of U-2 OS cells using Histone H2B type 1-C antibody.

Background

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. The protein has antibacterial and antifungal antimicrobial activity. This gene is intronless and encodes a replication-dependent histone that is a member of the histone H2B family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. This gene is found in the large histone gene cluster on chromosome 6p22-p21.3.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.