

HIST1H2BG Rabbit Polyclonal Antibody

Catalog No: #55631



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

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

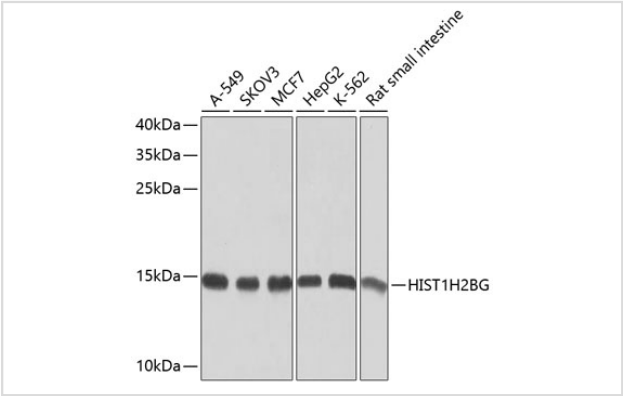
Description

| | |
|-----------------------|---|
| 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 |
| Other Names | HIST1H2BG;H2B.1A;H2B/a;H2BFA |
| Accession No. | Swiss Prot:P62807Gene ID:8339 |
| Uniprot | P62807 |
| GeneID | 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. |

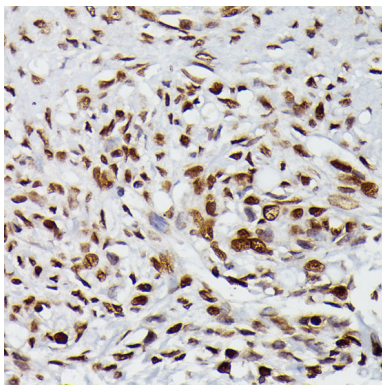
Application Details

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

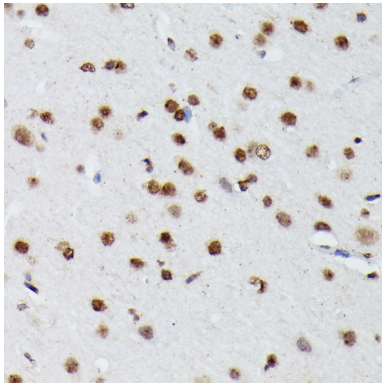
Images



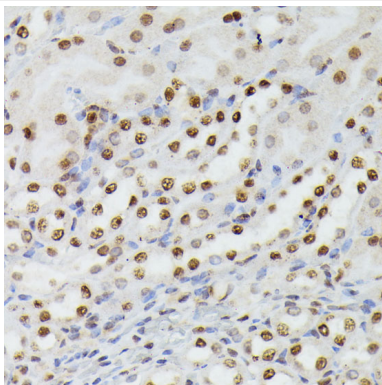
Western blot analysis of extracts of various cell lines, using HIST1H2BG antibody.



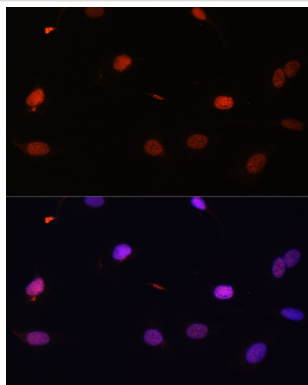
Immunohistochemistry of paraffin-embedded human oophoroma using Histone H2B type 1-C antibody.



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