

Histone H2A.1 Rabbit Polyclonal Antibody

Catalog No: #55630

Package Size: #55630-1 50ul #55630-2 100ul

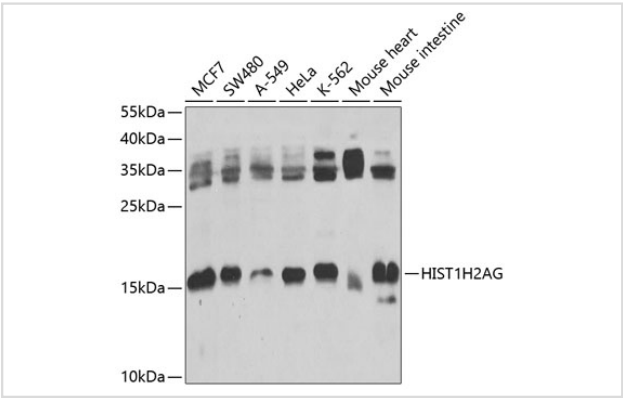
Description

Product Name	Histone H2A.1 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human Histone H2A.1 (NP_064707.1).
Conjugates	Unconjugated
Other Names	HIST1H2AI;H2A/c;H2AFC
Accession No.	Swiss Prot:P0C0S8Gene ID:8329
Calculated MW	14kDa
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.

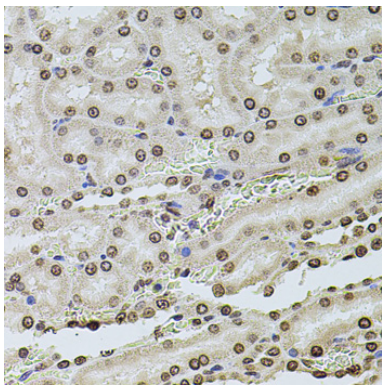
Application Details

WB□1:2000 - 1:5000IHC□1:50 - 1:200

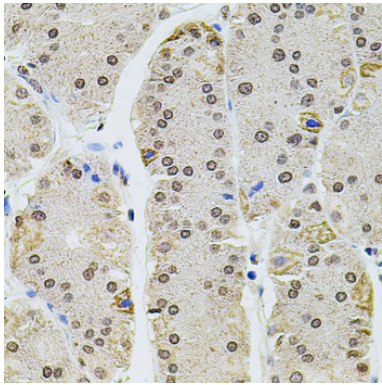
Images



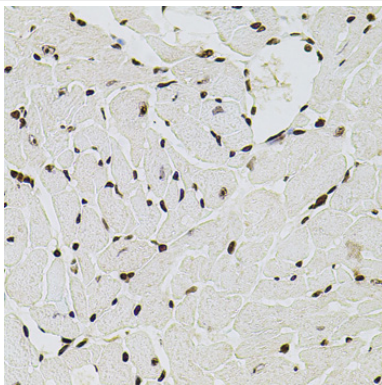
Western blot analysis of extracts of various cell lines, using Histone H2A.1 Antibody.



Immunohistochemistry of paraffin-embedded rat kidney using Histone H2A.1 antibody.



Immunohistochemistry of paraffin-embedded human stomach using Histone H2A.1 antibody.



Immunohistochemistry of paraffin-embedded mouse heart using Histone H2A.1 antibody.

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 is intronless and encodes a replication-dependent histone that is a member of the histone H2A family. Transcripts from this gene lack polyA tails but instead contain a palindromic termination element. This gene is found in the small 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.