HIST1H2AB Antibody

Catalog No: #37620

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Description

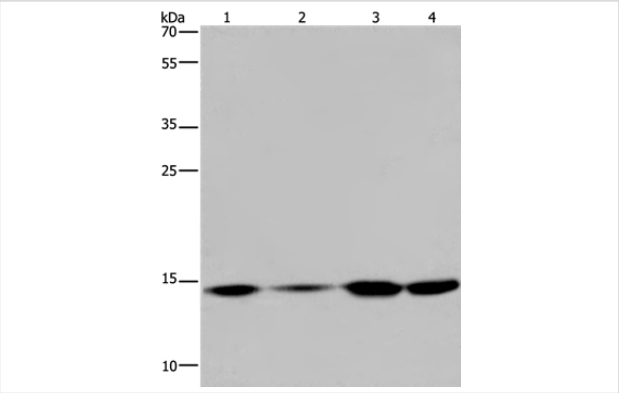
Product Name	HIST1H2AB Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total HIST1H2AB protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human histone cluster 1, H2ab
Target Name	HIST1H2AB
Other Names	H2A/m; H2AFM
Accession No.	Swiss-Prot#: P04908NCBI Gene ID: 8335Gene Accssion: NP_003504
Uniprot	P04908
GeneID	3012;8335;
SDS-PAGE MW	14kd
Concentration	1.5mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

Application Details

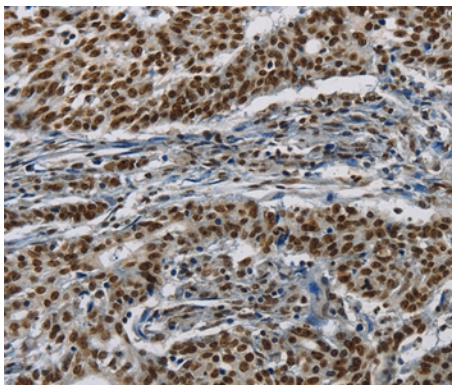
Western blotting: 1:200-1:1000

Immunohistochemistry: 1:50-1:200

Images



Gel: 10%SDS-PAGE
Lysates (from left to right): Hela, 231 and K562 cell,human fetal brain tissue
Amount of lysate: 40ug per lane
Primary antibody: 1/200 dilution
Secondary antibody dilution: 1/8000
Exposure time: 5 minutes



Immunohistochemical analysis of paraffin-embedded Human gastric cancer tissue using #37620 at dilution 1/20.

Background

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. This structure consists of approximately 146 bp of DNA wrapped around a nucleosome, an 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. This gene is intronless and encodes a member of the histone H2A 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