

HIST1H2AB Antibody

Catalog No: #37620



Package Size: #37620-1 50ul #37620-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

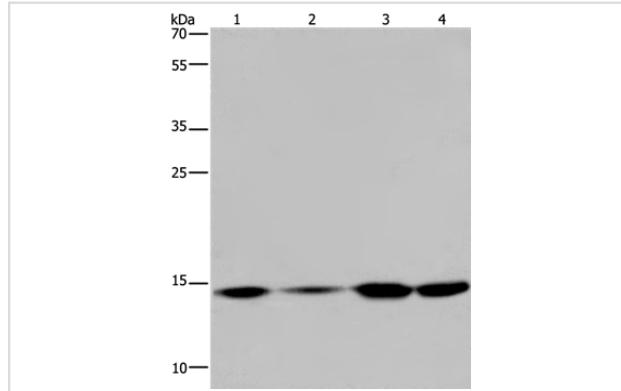
Product Name	HIST1H2AB Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Human;Mouse
Specificity	The antibody detects endogenous levels of total HIST1H2AB protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human histone cluster 1, H2ab
Conjugates	Unconjugated
Target Name	HIST1H2AB
Other Names	H2A/m; H2AFM
Accession No.	Swiss-Prot#: P04908NCBI Gene ID: 8335Gene Accsion: NP_003504
SDS-PAGE MW	14kd
Concentration	1.5mg/ml
Formulation	Rabbit IgG in pH7.3 PBS, 0.05% NaN3, 50% Glycerol.
Storage	Store at -20°C

Application Details

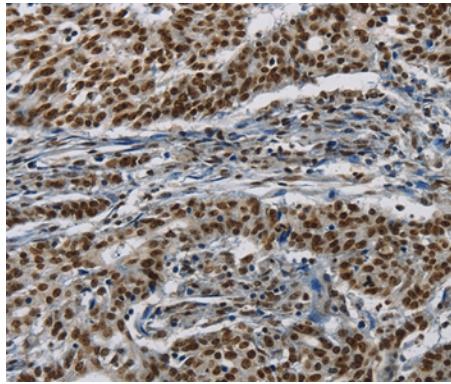
Western blotting: 1:200-1:1000

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 and is not intended for use in humans or animals.