

Rabbit Histone H2A Antibody | anti-HIST1H2AI antibody

Histone H2A (Phospho-Thr121) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA17961	Rabbit	Human (Identities = 100%, Positives = 100%) Mouse (Identities = 100%, Positives = 100%) Rat (Identities = 100%, Positives = 100%)	Immunohistochemistry, ELISA

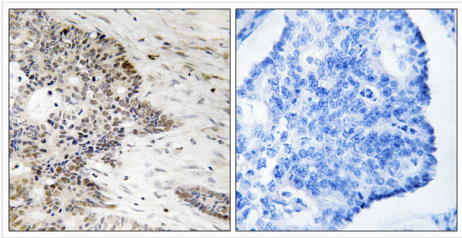
PRODUCT SYNONYMS

Histone H2A; Histone H2A (Phospho-Thr121) Antibody; H2A.1b; H2A/c; H2A/d; H2A/i; H2A/n; H2A/p; H2A1; H2AC; H2AFC; H2AFD ANDHIST1H2AL; H2AFI; H2AFN ANDHIST1H2AG; H2AFP; HIST1H2AI; HIST1H2AJ; HIST1H2AM; Histone H2A.c/d/i/n/p; anti-HIST1H2AI antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Identities = 100%, Positives = 100%) Mouse (Identities = 100%, Positives = 100%) Rat (Identities = 100%, Positives = 100%)
Isotype	IgG
Specificity	Histone H2A (Phospho-Thr121) antibody detects endogenous levels of Histone H2A only when phosphorylated at threonine 121.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	130
Applicable Applications for anti-HIST1H2AI antibody	IHC (Immunohistochemistry), ELISA
Application Notes	IHC: 1:50~1:100 ELISA: 1:1000
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human Histone H2A around the phosphorylation site of threonine 121 (K-K-T ^P -E-S).
All Sites	Human: Thr121 Mouse: Thr121 Rat: Thr121
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



IHC (Immunohistochemistry)
P-peptide-+ Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue using Histone H2A (Phospho-Thr121) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-HIST1H2AI antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Albig W., Hum. Genet. 101:284-294(1997). Albig W., Biol. Chem. 380:7-18(1999). Dobner T., DNA Seq. 1:409-413(1991).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504239
NCBI GeneID	8329
NCBI Accession #	NP_003500.1
NCBI GenBank Nucleotide #	NM_003509.2
UniProt Accession #	P0C0S8; P02261; Q2M1R2; Q76PA6
NCBI Official Full Name	histone H2A type 1
NCBI Official Synonym Full Names	histone cluster 1 H2A family member i
NCBI Official Symbol	HIST1H2AI
NCBI Official Synonym Symbols	H2A/c; H2AFC
NCBI Protein Information	histone H2A type 1
UniProt Protein Name	Histone H2A type 1
UniProt Gene Name	HIST1H2AG
UniProt Synonym Gene Names	H2AFP; H2A.1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.