

Rabbit anti-Human, Mouse Histone H3 Polyclonal Antibody | anti-HIST1H3A antibody

Rabbit anti-Phospho Histone H3 (S10) IHC Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213763	Rabbit	Human, Mouse	Immunocytochemistry, Immunohistochemistry

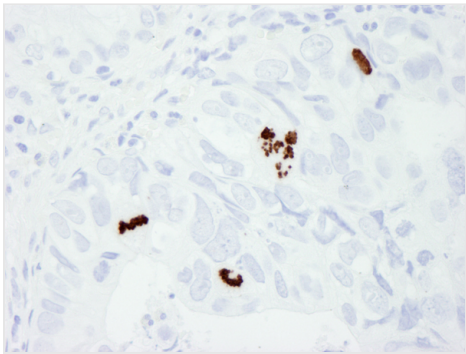
PRODUCT SYNONYMS

Histone H3; Polyclonal Antibody; Rabbit anti-Phospho Histone H3 (S10) IHC Antibody; Affinity Purified; Phospho (S10); Histone H3/c; Histone H3/k; Histone H3/l; Histone H3/j; Histone H3/i; Histone H3/h; Histone H3/f; Histone H3/d; H3/A; histone H3/a; histone H3.1; histone cluster 1; H3a; histone 1; H3FA; H3 histone family; member A; Histone H3/b; Histone H3.1; histone cluster 1 H3 family member a; anti-HIST1H3A antibody

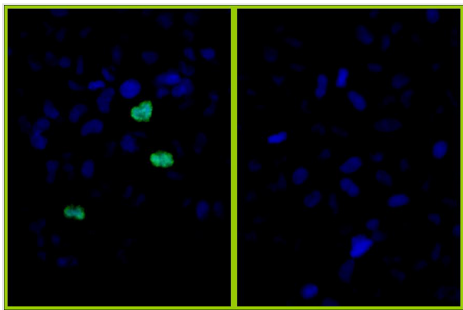
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	20ug/ml (varies by lot)
Applicable Applications for anti-HIST1H3A antibody	ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Predicted Reactivity	Rat, D. melanogaster, Zebrafish, X. laevis, X. tropicalis, Chicken, Bovine, Rabbit, Pig, Orangutan, Common tobacco, Mouse-ear cress, Green alga_3067, Chlamydomonas reinhardtii, Upland cotton, Liverwort_3197, Wheat, Italian ryegrass, Zygosaccharomyces bailii, Trumpet lily, Bell pepper, Common sainfoin, Alfalfa_3879, Caenorhabditis elegans, Garden pea, Short spined sea star, Striped sun sea star, Leather sea star, Sunflower sea star, Parasitic roundworm, Atlantic surf-clam, Innkeeper worm, Dumeril's clam worm, Midge_7155, Purple sea urchin, Green sea urchin_7660, Rainbow trout, Green sea urchin, Aspergillus fumigatus, Ochre sea star, Common sea urchin, Painted sea urchin, Darling's disease fungus_5037, Red alga_83288, Yeast_284593, Gairdner's shrew-mouse, Yellow koji mold_510516, Yeast_379508, Glume blotch fungus, Baker's yeast_559292, Marine copepod, Mortierella alpina, Darnel ryegrass, Rice_39946, Grape, Striped catshark, Maritime pine, Wild rice_77588, Rice, Fruitlet core rot fungus, Soil fungus_306901, Emericella nidulans, Fission yeast, Yeast_237561, Wheat head blight fungus, Fruit fly_7224, Aspergillus clavatus, Parsley, Neurospora crassa, Smut fungus_237631, Yeast_284811, Staghorn coral_126732, Yeast_294746, Yeast_322104, Valley fever fungus_246410, Rice blast fungus_242507, Yeast_284592, Yeast_284590
Immunogen	Surrounding serine 10
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



IHC (Immunohistochemistry)
Detection of human Phospho Histone H3 (S10) by immunohistochemistry. Sample: FFPE section of human colon adenocarcinoma. Antibody: Affinity purified rabbit anti-Phospho Histone H3 (S10) (Cat. No. AAA213763) used at a dilution of 1:250. Detection: DAB



ICC (Immunocytochemistry)
Detection of human Phospho Histone H3 (S10) by immunocytochemistry. Samples: NBF-fixed asynchronous HeLa cells. Mock phosphatase treated cells (left) or calf intestinal phosphatase-treated cells (right) immunostained for Phospho Histone H3 (S10). Antibody: Affinity purified rabbit anti-Phospho Histone H3 (S10) (Cat. No. AAA213763) used at a dilution of 1:250. Detection: Anti-rabbit IgG-FITC conjugated (Cat. No. used at a dilution of 1:100.

ADDITIONAL INFORMATION

Related Product Information for anti-HIST1H3A antibody	Histone H3 is one of four histone proteins that assemble into an octamer to form the nucleosome core and serve to spool and compact DNA into chromatin. Histones are subject to a complex set of post-translational modifications (acetylation, methylation, phosphorylation, ubiquitination, sumoylation, citrullination, and ADP ribosylation) that are important to the regulation of gene transcription, DNA replication, and DNA repair.
Product Categories/Family for anti-HIST1H3A antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504281
NCBI GeneID	8350
NCBI Accession #	NP_003520.1
NCBI GenBank Nucleotide #	NM_003529.2
UniProt Accession #	P68431; P02295; P02296; P16106; Q6ISV8; Q6NWP8; Q6NWP9; Q6NXU4; Q71DJ3; Q93081; A0PJT7; A5PLR1
Molecular Weight	15,404 Da
NCBI Official Full Name	histone H3.1
NCBI Official Synonym Full Names	histone cluster 1, H3a
NCBI Official Symbol	HIST1H3A
NCBI Official Synonym Symbols	H3/A; H3FA
NCBI Protein Information	histone H3.1; histone H3/a; histone 1, H3a; H3 histone family, member A
UniProt Protein Name	Histone H3.1
UniProt Gene Name	HIST1H3A
UniProt Synonym Gene Names	H3FA
UniProt Entry Name	H31_HUMAN

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.