

Rabbit anti-Human Histone H4 Polyclonal Antibody | anti-H4 antibody

Rabbit anti-Histone H4 IHC Antibody, Affinity Purified

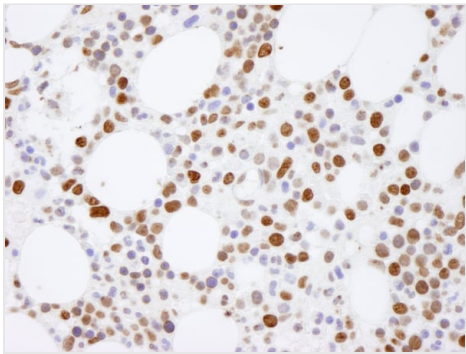
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213794	Rabbit	Human	Immunohistochemistry

PRODUCT SYNONYMS

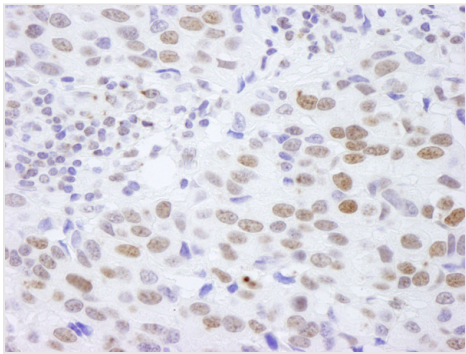
Histone H4; Polyclonal Antibody; Rabbit anti-Histone H4 IHC Antibody; Affinity Purified; H4/p; histone 4; H4; histone H4; histone cluster 4 H4; anti-H4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
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	250ug/ml (varies by lot)
Applicable Applications for anti-H4 antibody	IHC (Immunohistochemistry)
Predicted Reactivity	Mouse, Rat, D. melanogaster, Zebrafish, X. laevis, X. tropicalis, Chicken, Bovine, Pig, Orangutan, Oxytricha nova, Pyrenomonas salina, Green alga_3067, Chlamydomonas reinhardtii, Soybean, Painted sea urchin, California sea hare, Common sea urchin, Maize, Mouse-ear cress, Aspergillus fumigatus, Innkeeper worm, Slime mold, Neurospora crassa, Wheat, Tomato_4081, Garden pea, Bell pepper, Chaco potato, Blue mussel, Fruit fly_7233, California mussel, Blue mussel_6550, Midge_7155, Fruit fly_7224, Fruit fly_7226, Fungus gnat_7186, Fruit fly_7220, Marine copepod, Short spined sea star, Striped sun sea star, Sunflower sea star, Ochre sea star, Parasitic wasp_7420, Fruit fly_7240, Fruit fly_7238, Fruit fly_7245, Fruit fly_7243, Coccidian parasite_5802, Spotted green pufferfish, Green sea urchin_7660, Purple sea urchin, Sea squirt, Yellow koji mold_510516, Yeast_284593, Emericella nidulans, Yeast_409370, Yeast_284811, Water hoglouse, Fruitlet core rot fungus, Muscovy duck, Mediterranean mussel, Crab-eating macaque, Kenyan clawed frog, Darnel ryegrass, Sea cucumber_7685, Nile tilapia, Rainbow trout, Chilean blue mussel, Parchment worm, Staghorn coral_126732, Tunicate_34765, Red ant, Clustered yellowtops, Stylonychia lemnae, Tetrahymena pyriformis, Dumeril's clam worm, Caenorhabditis elegans, White campion_37657, Mastigamoeba balamuthi, Blue gum, Baker's yeast_559292, Marine phytoflagellate, Klunzinger's soft coral, Leek moth, Trichogramma cacoeciae, Greater celandine, Mortierella alpina
Immunogen	Between 53 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



IHC (Immunohistochemistry)
Detection of human Histone H4 by immunohistochemistry. Sample: FFPE section of human metastatic bone marrow. Antibody: Affinity purified rabbit anti-Histone H4 (Cat. No. AAA213794) used at a dilution of 1:250. Detection: DAB staining using anti-rabbit IHC antibody (Cat. No. at a dilution of 1:100.



IHC (Immunohistochemistry)
Detection of human Histone H4 by immunohistochemistry. Sample: FFPE section of human breast adenocarcinoma. Antibody: Affinity purified rabbit anti-Histone H4 (Cat. No. AAA213794) used at a dilution of 1:250. Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-H4 antibody	Histone H4 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-H4 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	28173560
NCBI GeneID	121504
NCBI Accession #	NP_778224.1
NCBI GenBank Nucleotide #	NM_175054.2
UniProt Accession #	P62805; P02304; P02305; Q6DRA9; Q6FGB8; Q6NWP7; A2VCL0
Molecular Weight	103
NCBI Official Full Name	histone H4
NCBI Official Synonym Full Names	histone cluster 4, H4
NCBI Official Symbol	HIST4H4
NCBI Official Synonym Symbols	H4/p
NCBI Protein Information	histone H4; histone 4, H4
UniProt Protein Name	Histone H4
UniProt Gene Name	HIST1H4A
UniProt Synonym Gene Names	H4/A; H4FA
UniProt Entry Name	H4_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.