Rabbit Histone H3 Polyclonal Antibody | anti-HIST1H3A antibody

Histone H3 (Di-Methyl-Lys27) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA302243	**Rabbit**	**Human, Mouse, Rat**	**Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

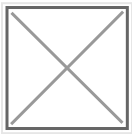
Histone H3; Polyclonal Antibody; Histone H3 (Di-Methyl-Lys27) Antibody; H3/a; H3/c; H3/d; H3/f; H3/h; anti-HIST1H3A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy usi
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	136
Applicable Applications for anti-HIST1H3A antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around Di-Methylation site of lysine 27(A-R-K(di-methyl)-S-A) derived from Human Histone H3.
Modification	Di-Methyl-Lys27
Target Name	Histone H3
Preparation and Storage	Store at -20 degree C/1 year

IMAGES

IHC (Immunohiostchemistry)
Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Histone H3 (Di-Methyl-Lys27) Antibody.



WB (Western Blot)
Western blot analysis of extracts from C6 and Hela cells using Histone H3 (Di-Methyl-Lys27) Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-HIST1H3A antibody	Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.

Product Categories/Family for anti-HIST1H3A antibody	Phospho-specific Ab

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
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.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/histone-h3-antibody-immunohistochemistry-western-blot-elisa/302243