

Rabbit Histone H3.3 Polyclonal Antibody | anti-H3.3 antibody

Histone H3.3 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA295005	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

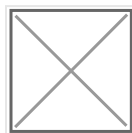
PRODUCT SYNONYMS

Histone H3.3; Polyclonal Antibody; Histone H3.3 Polyclonal Antibody; H3F3A; H3.3A; H3F3; PP781; H3F3B; H3.3B; anti-H3.3 antibody

PRODUCT SPECIFICATIONS

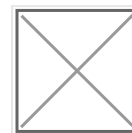
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Applicable Applications for anti-H3.3 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Dilution: Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.



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ADDITIONAL INFORMATION

Related Product Information for anti-H3.3 antibody	Variant histone H3 which replaces conventional H3 in a wide range of nucleosomes in active genes. Constitutes the predominant form of histone H3 in non-dividing cells and is incorporated into chromatin independently of DNA synthesis. Deposited at sites of nucleosomal displacement throughout transcribed genes, suggesting that it represents an epigenetic imprint of transcriptionally active chromatin. 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4504279
NCBI GeneID	3020
NCBI Accession #	NP_002098.1
NCBI GenBank Nucleotide #	NM_002107.4
UniProt Accession #	P84243; P06351; P33155; Q5VV55; Q5VV56; Q66I33; Q9V3W4

Molecular Weight	15,328 Da
NCBI Official Full Name	histone H3.3
NCBI Official Synonym Full Names	H3 histone, family 3A
NCBI Official Symbol	H3F3A
NCBI Official Synonym Symbols	H3F3; H3.3A
NCBI Protein Information	histone H3.3
UniProt Protein Name	Histone H3.3
UniProt Gene Name	H3F3A
UniProt Synonym Gene Names	H3.3A; H3F3
UniProt Entry Name	H33_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-h33-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/295005>