H2A Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	H2A, Polyclonal Antibody
Full Product Name	H2A Polyclonal Antibody
Product Gene Name	anti-H2A antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Rice
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Purity/Purification	Affinity Purification
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	15kDa
3D Structure	ModBase 3D Structure for Q84MP7
Immunogen	A synthetic peptide of Oryza sativa H2A.
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-H2A antibody	Western Blot (WB)
Application Notes for anti-H2A antibody	WB: 1:500-1:2000
Related Product Information for anti-H2A antibody	MBS8571320 is an antibody targeting H2A. Also known as H2A Polyclonal Antibody. Reactive in Rice. Host: Rabbit.
Other Notes	Small volumes of anti-H2A antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for H2A. It may not necessarily be applicable to this product.

NCBI GI #	1002253366
NCBI GeneID	4334071
NCBI Accession #	XP_015630918.1
UniProt Primary Accession #	Q84MP7
UniProt Related Accession #	Q84MP7
GenBank Nucleotide #	XP_015630918.1
NCBI Official Full Name	probable histone H2A variant 3
NCBI Official Symbol	LOC4334071
NCBI Official Synonym Symbols	OJ1365_D05.1

UniProt Protein Name	Probable histone H2A variant 3
Protein Family	Histone
UniProt Gene Name	Os03g0743400
NCBI Protein Information	probable histone H2A variant 3
UniProt Comments for H2A	Variant histones H2A are synthesized throughout the cell cycle and are very different from classical S-phase regulated H2A. May replace conventional H2A in a subset of nucleosomes. 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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