

Anti-Phospho-Histone H2A (S129) HIST1H2AB Rabbit Monoclonal Antibody

Catalog # ABO13195

Product Information

Application	WB
Primary Accession	P04912
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Yeast
Clonality	Monoclonal
Format	Liquid
Description	Anti-Phospho-Histone H2A (S129) HIST1H2AB Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with Yeast.

Additional Information

Gene ID	852283
Other Names	Histone H2A.2, HTA2, H2A2
Calculated MW	13989
Application Details	WB 1:1000-1:2000
Subcellular Localization	Nucleus. Chromosome.
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: DEE-8
Immunogen	A synthesized peptide derived from yeast Phospho-Histone H2A (S129)
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

Name	HTA2
Synonyms	H2A2

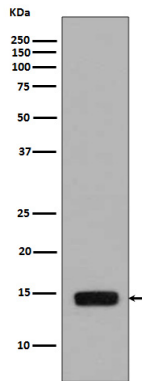
Function

Core component of nucleosome which plays a central role in DNA double strand break (DSB) repair. 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.

Cellular Location

Nucleus. Chromosome.

Images



Western blot analysis of Phospho-Histone H2A (S129) expression in *Saccharomyces cerevisiae* treated with Methyl methanesulfonate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.