

Histone H2A Rabbit pAb

Catalog # AP53575

Product Information

Primary Accession	P04912
Host	Rabbit
Clonality	Polyclonal Antibody
Calculated MW	13989

Additional Information

Gene ID	852283
Other Names	Histone H2A.2, HTA2, H2A2
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

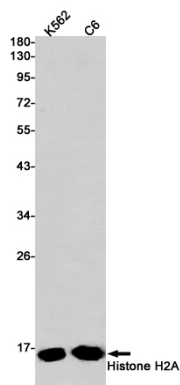
Protein Information

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.

Background

Swiss-Prot Acc.P04912.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.

Images



Western blot detection of Histone H2A in K562,C6 cell lysates using Histone H2A Rabbit pAb(1:1000 diluted).Predicted band size:14kDa.Observed band size:14kDa.

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