

HIST2H2AA4 Rabbit pAb

CatalogNo: YN7096

| Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB

MW

- 14kD (Calculated)

Isotype

- IgG

| Recommended Dilution Ratios

WB 1:500-2000

| Storage

Storage* -15°C to -25°C/1 year(Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

| Basic Information

Clonality Polyclonal

| Immunogen Information

Immunogen Synthesized peptide derived from human HIST2H2AA4

Specificity This antibody detects endogenous levels of HIST2H2AA4 at Human, Mouse, Rat

| Target Information

Gene name HIST2H2AA3 H2AFO HIST2H2AA; HIST2H2AA4

Protein Name	Histone H2A type 2-A (Histone H2A.2) (Histone H2A/o)		
	Organism	Gene ID	UniProt ID
	Human	723790 ;	Q6FI13 ;
	Mouse	15267 ;	Q6GSS7 ;
	Rat	365877 ;	P0CC09 ;
Cellular Localization	Nucleus. Chromosome.		
Function	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.		

| Validation Data

| Contact information

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