

## ARG54774 anti-Histone H4 monomethyl (Lys20) antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes Histone H4 monomethyl (Lys20)
Tested Reactivity	Hu
Tested Application	Dot, ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Histone H4
Antigen Species	Human
Immunogen	Synthetic methylated peptide around Lys20 of Human histone H4 (NP_003539.1)
Conjugation	Un-conjugated
Alternate Names	H4/p; Histone H4

### Application Instructions

Application table	Application	Dilution
	Dot	Assay-dependent
	ICC/IF	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	HeLa	
Calculated Mw	11 kDa	

### Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

Database links

[GeneID: 8370 Human](#)

[Swiss-port # P62805 Human](#)

Gene Symbol

HIST2H4A

Gene Full Name

histone cluster 2, H4a

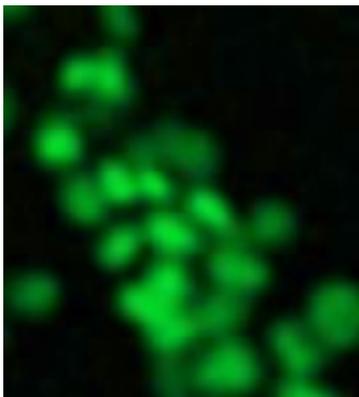
Background

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. This structure consists of approximately 146 bp of DNA wrapped around a nucleosome, an octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene is intronless and encodes a member of the histone H4 family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. This gene is found in a histone cluster on chromosome 1. This gene is one of four histone genes in the cluster that are duplicated; this record represents the centromeric copy. [provided by RefSeq, Jul 2008]

Research Area

Gene Regulation antibody

## Images



ARG54774 anti-Histone H4 monomethyl (Lys20) antibody ICC/IF image

Immunofluorescence: 293T cells stained with ARG54774 anti-Histone H4 monomethyl (Lys20) antibody.



ARG54774 anti-Histone H4 monomethyl (Lys20) antibody WB image

Western blot: HeLa cell lysate and Recombinant Histone H4 protein expressed in *E. coli* (negative control) stained with ARG54774 anti-Histone H4 monomethyl (Lys20) antibody.