

## ARG54776 anti-Histone H4 trimethyl (Lys20) antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes Histone H4 trimethyl (Lys20)
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Histone H4
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
	ICC/IF	1:50 - 1:200
	IHC-P	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	

### 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

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Database links [GeneID: 8370 Human](#)  
[Swiss-port # P62805 Human](#)

Gene Symbol HIST2H4A

Gene Full Name histone cluster 2, H4a

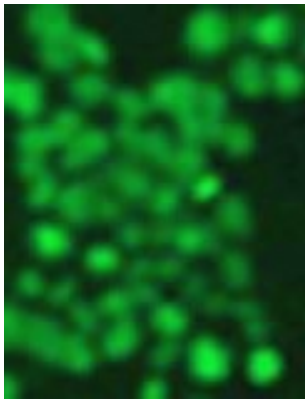
**Background** Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. This structure consists of approximately 146 bp of DNA wrapped around a nucleosome, an octamer composed of pairs of each of the four core histones (H2A, H2B, H3, 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

Calculated Mw 11 kDa

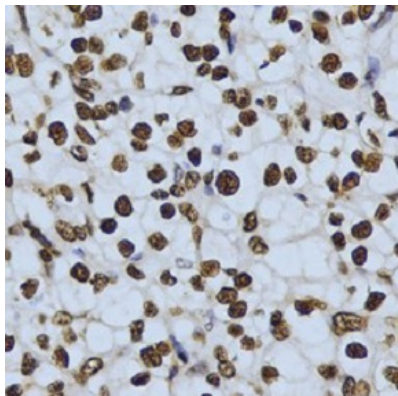
## Images

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ARG54776 anti-Histone H4 trimethyl (Lys20) antibody ICC/IF image

Immunofluorescence: 293T cells stained with ARG54776 anti-Histone H4 trimethyl (Lys20) antibody.



ARG54776 anti-Histone H4 trimethyl (Lys20) antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human kidney cancer tissue stained with ARG54776 anti-Histone H4 trimethyl (Lys20) antibody at 1:200 dilution.

ARG54776 anti-Histone H4 trimethyl (Lys20) antibody WB image

Western blot: HeLa cell lysate and Recombinant Histone H4 protein expressed in E. coli (negative control) stained with ARG54776 anti-Histone H4 trimethyl (Lys20) antibody.

