MonoMethyl-Histone H4-K20 pAb

Catalog No.	A2370	**Category**	Methylated Antibodies
Applications	WB, IHC, IF, IP, ChIP, ChIPseq	**Observed MW**	13kDa
Cross-reactivity	Human, Mouse, Rat, Other (Wide Range)	**Calculated MW**	11kDa

Immunogen Information

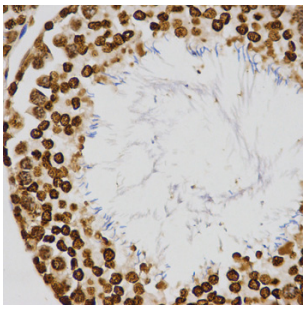
Immunogen	A synthetic peptide of human MonoMethyl-Histone H4-K20
Gene ID	8370
Swiss prot	P62805
Synonyms	HIST2H4A; FO108; H4; H4/n; H4F2; H4FN; HIST2H4 ; histone H4

Product information

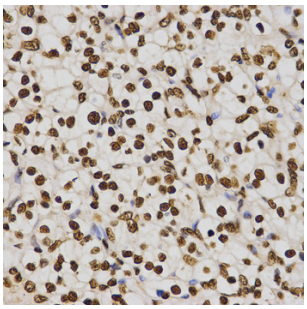
Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

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 replication-dependent histone that is 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.



Immunohistochemistry - MonoMethyl-Histone H4-K20 pAb (A2370)



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Recommended Dilutions

WB 1:500 - 1:2000

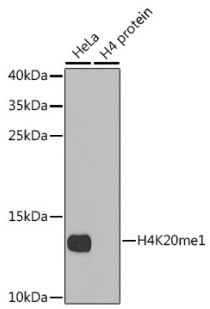
IHC 1:50 - 1:200

IF 1:50 - 1:200

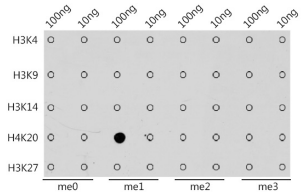
IP 1:50 - 1:200

ChIP 1:20 - 1:100

CHIPseq 1:20 - 1:100



Western blot - MonoMethyl-Histone H4-K20 pAb (A2370)



Dot Blot - MonoMethyl-Histone H4-K20 pAb (A2370)

Phone: *888.754.5670*
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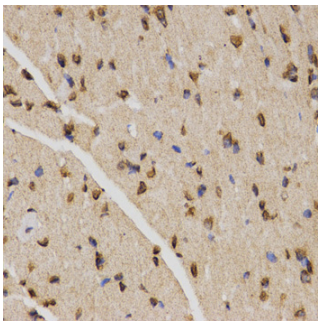
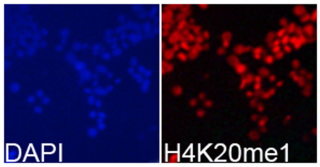


Immunohistochemistry - MonoMethyl-Histone H4-K20 pAb (A2370)



Immunofluorescence - MonoMethyl-Histone H4-K20 pAb (A2370)