SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

Rabbit Anti-Histone H3 (Tri Methyl K27)antibody

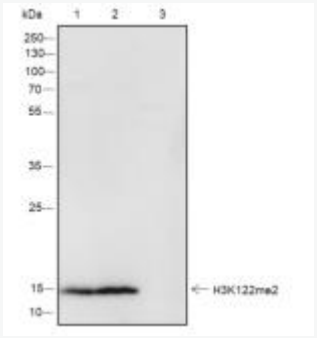
SLM-60666R

Product Name	Histone H3 (Tri Methyl K27)
Chinese Name	二甲基化组蛋白 H3Recombinant rabbit monoclonal anti
Alias	H3K122me2; Di-Methyl-Histone H3 (Lys122); Histone H3 (Di methyl K122); H3 histone family member E pseudogene; H3 histone family, member A; H3/A; H31_HUMAN; H3F3; H3FA; Hist1h3a; HIST1H3B; HIST1H3C; HIST1H3D; HIST1H3E; HIST1H3F; HIST1H3G; HIST1H3H; HIST1H3I; HIST1H3J; HIST3H3; histone 1, H3a; Histone cluster 1, H3a; Histone H3 3 pseudogene; Histone H3.1; Histone H3/a; Histone H3/b; Histone H3/c; Histone H3/d; Histone H3/f; Histone H3/h; Histone H3/i; Histone H3/j; Histone H3/k; Histone H3/l; H3.1; H3/d; H3C1; H3C10; H3C11; H3C12; H3C2; H3C3; H3C4; H3C7; H3C8; H3FD; \
Research Area	Signal transduction
Immunogen Species	Rabbit
Clonality	Monoclonal
Clone NO.	R11A1
React Species	Human,Mouse(predicted:Rat)
Applications	WB=1:500-2000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Theoretical molecular weight	15kDa
Cellular localization	The cell membrane
Form	Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human Histone H3 (Tri Methyl K27)
Lsotype	IgG
Purification	affinity purified by Protein A

Buffer Solution	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Attention	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
PubMed	PubMed
Product Detail	Modulation of the chromatin structure plays an important role in the regulation of transcription in eukaryotes. The nucleosome, made up of four core histone proteins (H2A, H2B, H3 and H4), is the primary building block of chromatin. The N-terminal tail of core histones undergoes different posttranslational modifications including acetylation, phosphorylation and methylation. These modifications occur in response to cell signal stimuli and have a direct effect on gene expression. In most species, the histone H2B is primarily acetylated at lysines 5, 12, 15 and 20. Histone H3 is primarily acetylated at lysines 9, 14, 18 and 23. Acetylation at lysine 9 appears to have a dominant role in histone deposition and chromatin assembly in some organisms. Phosphorylation at Ser10 of histone H3 is tightly correlated with chromosome condensation during both mitosis and meiosis. **Subcellular Location:** Nucleus. Chromosome. Note=Localizes to both the large, transcriptionally active, somatic macronucleus (MAC) and the small, transcriptionally inert, germ line micronucleus (MIC). **SWISS:** P68431 **Gene ID:** 8350 **Database links:** Entrez Gene: 8350 Human SwissProt: P68431 Human

SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

Product Picture



Blocking buffer: 5% NFDM/TBST

Primary Ab dilution: 1:1000

Primary Ab incubation condition: 2 hours at room temperature

Secondary Ab:1: Mouse brain, 2: Rat brain, 3:

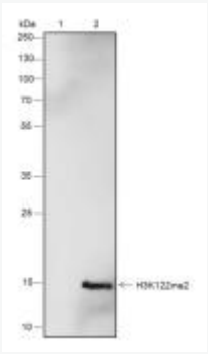
Recombinant histone H3

Protein loading quantity: 20 μg

Exposure time: 60 s

Predicted MW: 15 KDa

Observed MW: 15 KDa



SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

Blocking buffer: 5% NFDM/TBST

Primary Ab dilution: 1:1000

Primary Ab incubation condition: 2 hours at room temperature

Secondary Ab:1: HeLa cytosol, 2: HeLa nuclear

Protein loading quantity: 20 μg

Exposure time: 60 s

Predicted MW: 15 KDa

Observed MW: 15 KDa