

## **Product datasheet for TA377038**

## **H1f6 Rabbit Polyclonal Antibody**

## **Product data:**

**Product Type:** Primary Antibodies

**Applications:** ICC/IF, WB

Recommended Dilution: WB,1:500 - 1:2000

IF,1:50 - 1:200

**Reactivity:** Mouse, Rat

**Host:** Rabbit

**Isotype:** IgG

Clonality: Polyclonal

**Immunogen:** A synthetic peptide of Mouse Histone H1t

**Formulation:** Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

**Concentration:** lot specific

**Purification:** Affinity purification

**Conjugation:** Unconjugated

Storage: Store at -20°C. Avoid freeze / thaw cycles.

**Stability:** Shelf life: one year from despatch.

**Gene Name:** histone cluster 1, H1t

Database Link: Entrez Gene 107970 Mouse

Q07133

**Background:** Histones are basic nuclear proteins responsible for nucleosome structure of the

chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene is intronless and encodes a replication-dependent histone that is a member of the histone H1 family. Transcripts from this gene lack polyA tails but instead

contain a palindromic termination element [provided by RefSeq, Aug 2015]

**Synonyms:** dJ221C16.2; H1FT; H1T; MGC163222



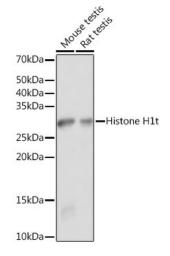
**OriGene Technologies, Inc.** 9620 Medical Center Drive, Ste 200

CN: techsupport@origene.cn

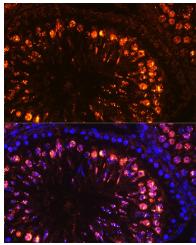
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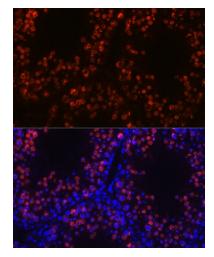
## **Product images:**



Western blot analysis of extracts of various cell lines, using Histone H1t antibody (TA377038) at 1:3000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit. | Exposure time: 1s.



Immunofluorescence analysis of rat testis using Histone H1t Rabbit pAb (TA377038) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of mouse testis using Histone H1t Rabbit pAb (TA377038) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.