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## Product Datasheet

### Histone H3 K27me3/pS28 antibody (orb420411)

**Description**

Histone H3 K27me3/pS28 antibody

**Species/Host**

Rabbit

**Reactivity**

C. elegans, Human, Mouse

**Conjugation**

Unconjugated

**Tested**

ChIP, DOT, IF, IHC, Multiplex Assay, WB

**Applications**
**Immunogen**

Histone H3 [Trimethyl Lys27, p Ser28] affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with synthetic trimethylated/phosphorylated peptides surrounding Lysine 27 and Serine 28 of human Histone H3.

**Preservatives**

0.05% (w/v) Sodium Azide

**Form/Appearance**

Liquid (sterile filtered)

**Concentration**

0.66mg/mL

**Storage**

Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

**Note**

For research use only

**Application notes**

Anti-Histone H3 [Trimethyl Lys27, p Ser28] antibody is tested for Western Blot, Chromatin Immunoprecipitation, Dot Blot, and Immunocytochemistry/Immunofluorescence. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately ~15.4 kDa corresponding to Histone H3 protein by Western Blotting in HeLa histone prep lysate or the appropriate cell lysate or extract. Epi-Plus antibody production in collaboration with Novus Biologicals.

**Isotype**

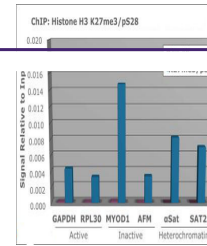
IgG

**Clonality**

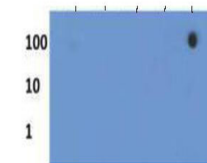
Polyclonal

**Purity**

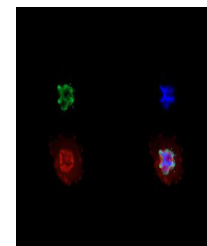
Anti-Histone H3 [Trimethyl Lys27, p Ser28] was affinity purified from monospecific antiserum by immunoaffinity chromatography. This antibody reacts with human Histone H3. A BLAST analysis was used to suggest cross-reactivity with Human, mouse, and C. elegans. Predicted to react with many species including rat, chicken, Xenopus, Drosophila, and plant based on 100% sequence homology. Cross-reactivity with Histone H3



Chromatin Immunoprecipitation Rabbit Ant...



Dot Blot of Rabbit Histone H3 [p Ser28, ...



Immunofluorescence of Rabbit Anti-Histon...