

## Product Datasheet

### Histone H3 K4me3 antibody (orb420386)

**Description**

Histone H3 K4me3 antibody

**Species/Host**

Rabbit

**Reactivity**

C. elegans, Human, Mouse

**Conjugation**

Unconjugated

**Tested**

ChIP, DOT, IF, IHC, WB

**Applications**
**Immunogen**

Histone H3 [Trimethyl Lys4] affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic trimethylated peptide surrounding Lysine 4 of human Histone H3.2.

**Preservatives**

0.01% (w/v) Sodium Azide

**Form/Appearance**

Liquid (sterile filtered)

**Concentration**

0.70 mg/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 Lys4] antibody is tested in Western Blot, Immunofluorescence, Chromatin Immunoprecipitation, and Dot Blot. This antibody is useful for Immunocytochemistry. 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 Lys4] was affinity purified from monospecific antiserum by immunoaffinity

Biorbyt Ltd.

7 Signet Court, Swann's Road, Cambridge, CB5 8LA, United Kingdom

Email: [info@biorbyt.com](mailto:info@biorbyt.com) | Phone: +44 (0) 1223 859-353 | Fax: +44 (0)1223 280 240

Biorbyt LLC.

68 TW Alexander Drive&lt;br&gt;Research Triangle Park&lt;br&gt;Durham, North Carolina&lt;br&gt;27709, United States

Email: [info@biorbyt.com](mailto:info@biorbyt.com) | Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558

chicken, Xenopus, Drosophila, and plant based on 100% sequence homology. Cross-