

Product Datasheet

SMYD3 Antibody



Catalog No: CY7176

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF IP FC

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Information

UniProt ID: Q9H7B4

All Names: KMT3E; Smyd3; ZMYND1; ZNFN3A1;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 42kDa

Application

WB 1:500~1:2000

IHC 1:50~1:200

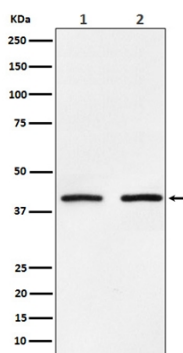
ICC/IF 1:50~1:200

IP 1:50

FC 1:30

Background

Histone methyltransferase. Specifically methylates 'Lys-4' of histone H3, inducing di- and tri-methylation, but not monomethylation. Plays an important role in transcriptional activation as a member of an RNA polymerase complex. Binds DNA containing 5'-CCCTCC-3' or 5'-GAGGGG-3' sequences.



Western blot analysis of SMYD3 expression in (1) HeLa cell lysate; (2) NIH/3T3 cell lysate.

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