

## anti- SETD1B antibody

### Product Information

|               |   |
|---------------|---|
| Catalog No.:  | FNab07766   |
| Size:         | 100µg   |
| Form:         | liquid  |
| Purification: | Immunogen affinity purified   |
| Purity:       | ≥95% as determined by SDS-PAGE  |
| Host:         | Rabbit  |
| Clonality:    | polyclonal  |
| Clone ID:     | None  |
| IsoType:      | IgG   |
| Storage:      | PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.) |

### Background

Histone methyltransferase that specifically methylates 'Lys-4' of histone H3, when part of the SET1 histone methyltransferase(HMT) complex, but not if the neighboring 'Lys-9' residue is already methylated. H3 'Lys-4' methylation represents a specific tag for epigenetic transcriptional activation. The non-overlapping localization with SETD1A suggests that SETD1A and SETD1B make non-redundant contributions to the epigenetic control of chromatin structure and gene expression. Specifically tri-methylates 'Lys-4' of histone H3 in vitro.

### Immunogen information

|              |                          |
|--------------|--------------------------|
| Immunogen:   | SET domain containing 1B |
| Synonyms:    | KIAA1076, KMT2G, SET1B   |
| Observed MW: | 260 kDa                  |
| UniprotID :  | Q9UPS6                   |

### Application

|                     |                       |
|---------------------|-----------------------|
| Reactivity:         | Human, Mouse          |
| Tested Application: | ELISA, WB, IP, IHC,IF |

### Wuhan Fine Biotech Co., Ltd.

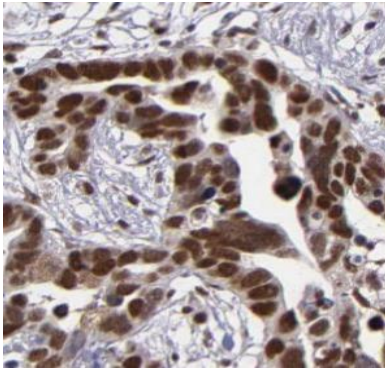
B9 Bld, High-Tech Medical Devices Park, No. 818 GaoxinAve.East Lake High-Tech Development Zone.Wuhan, Hubei, China(430206)

Tel : (0086)027-87384275

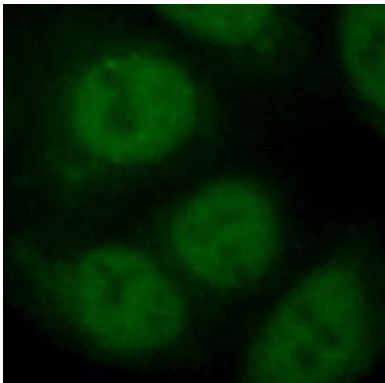
Fax: (0086)027-87800889 [www.fn-test.com](http://www.fn-test.com)

Recommended dilution: WB: 1:200-1:2000; IP: 1:200-1:1000; IHC: 1:20-1:200; IF: 1:50-1:500

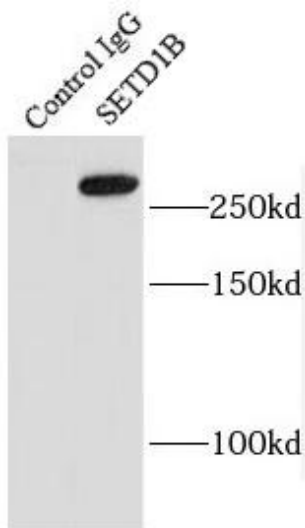
Image:



Immunohistochemistry of paraffin-embedded human ovary tumor tissue slide using FNab07766 (SETD1B Antibody) at dilution of 1:50



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using FNab07766 (SETD1B antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L)



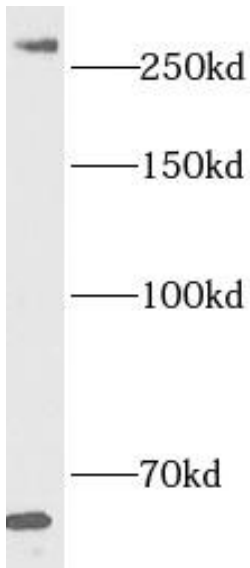
IP Result of anti-SETD1B (IP:FNab07766, 5ug; Detection:FNab07766 1:300) with MCF-7 cells lysate 3250ug.

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HeLa cells were subjected to SDS PAGE followed by western blot with FNab07766(SETD1B antibody) at dilution of 1:1000

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