



# SETD8 rabbit pAb

|                                    |                                                                                                                                                                                                                                                                                                                                                   |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-Ab-10100                                                                                                                                                                                                                                                                                                                                       |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                                                                               |
| <b>Reactivity</b>                  | Human;Mouse                                                                                                                                                                                                                                                                                                                                       |
| <b>Applications</b>                | WB                                                                                                                                                                                                                                                                                                                                                |
| <b>Gene Name</b>                   | SETD8 KMT5A PRSET7 SET07 SET8                                                                                                                                                                                                                                                                                                                     |
| <b>Immunogen</b>                   | Synthesized peptide derived from human SETD8 AA range: 282-332                                                                                                                                                                                                                                                                                    |
| <b>Specificity</b>                 | This antibody detects endogenous levels of human SETD8                                                                                                                                                                                                                                                                                            |
| <b>Formulation</b>                 | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                                                           |
| <b>Source</b>                      | Polyclonal, Rabbit,IgG                                                                                                                                                                                                                                                                                                                            |
| <b>Purification</b>                | The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.                                                                                                                                                                                                                                         |
| <b>Dilution</b>                    | WB 1:1000-2000                                                                                                                                                                                                                                                                                                                                    |
| <b>Concentration</b>               | 1 mg/ml                                                                                                                                                                                                                                                                                                                                           |
| <b>Purity</b>                      | ≥90%                                                                                                                                                                                                                                                                                                                                              |
| <b>Storage Stability</b>           | -20°C/1 year                                                                                                                                                                                                                                                                                                                                      |
| <b>Synonyms</b>                    | KMT5A;Pr SET 7;EC:2.1.1.-;EC:2.1.1.361;H4-K20-HMTase KMT5A;SETD8; SETD8 KMT5A PRSET7 SET07 SET8;N-lysine methyltransferase SETD8 (EC 2.1.1.-) (H4-K20-HMTase SETD8) (Histone-lysine N-methyltransferase SETD8) (EC 2.1.1.43) (Lysine N-methyltransferase 5A) (PR/SET domain-containing protein 07) (PR-S                                          |
| <b>Observed Band</b>               | 43 kDa                                                                                                                                                                                                                                                                                                                                            |
| <b>Calculated Molecular Weight</b> | 43 kDa                                                                                                                                                                                                                                                                                                                                            |
| <b>Cell Pathway</b>                | Nucleus. Chromosome. Specifically localizes to mitotic chromosomes. Colocalized with SIRT2 at mitotic foci. Associates with chromosomes during mitosis; association is increased in a H(2)O(2)-induced oxidative stress-dependent manner. Associates with silent chromatin on euchromatic arms. Not associated with constitutive heterochromatin. |
| <b>Tissue Specificity</b>          |                                                                                                                                                                                                                                                                                                                                                   |
| <b>Function</b>                    |                                                                                                                                                                                                                                                                                                                                                   |
| <b>Background</b>                  |                                                                                                                                                                                                                                                                                                                                                   |

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images