

# SETD7 Rabbit mAb

Catalog No.: A9225 **Recombinant** **1 Publications**

## Basic Information

### Observed MW

48 kDa

### Calculated MW

41kDa

### Category

Primary antibody

### Applications

WB,ELISA

### Cross-Reactivity

Human, Mouse, Rat

### CloneNo number

ARC1483

## Background

Enables histone-lysine N-methyltransferase activity and p53 binding activity. Involved in peptidyl-lysine dimethylation and peptidyl-lysine monomethylation. Acts upstream of or within cellular response to DNA damage stimulus and heterochromatin organization. Located in chromosome and nucleolus.

## Recommended Dilutions

**WB** 1:500 - 1:1000

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

80854

### Swiss Prot

Q8WTS6

### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

KMT7; SET7; SET9; SET7/9; SETD7

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

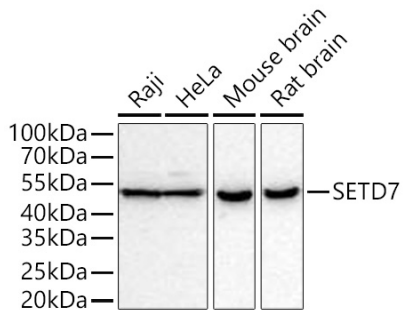
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

## Validation Data

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Western blot analysis of various lysates using SETD7 Rabbit mAb (A9225) at 1:1000 dilution incubated at room temperature for 1.5 hours.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25 µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 90 s.