

[KO Validated] SETD7 Rabbit pAb

Catalog No.: A9985 **KO** **Validated** **5 Publications**

Basic Information

Observed MW

48kDa

Calculated MW

41kDa

Category

Primary antibody

Applications

WB,IF/ICC,ELISA

Cross-Reactivity

Human, Mouse, Rat

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

IF/ICC 1:50 - 1:200

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

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

KMT7; SET7; SET9; SET7/9; D7

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

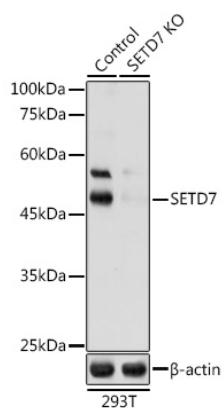
Affinity purification

Storage

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

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of lysates from wild type (WT) and SETD7 knockout (KO) 293T cells, using [KO Validated] SETD7 Rabbit pAb (A9985) at 1:1000 dilution.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 60s.