[KO Validated] SETD7 Rabbit pAb

ABclonal

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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

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

1:50 - 1:200 IF/ICC

Recommended starting **ELISA** concentration is 1 µg/mL.

Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID Swiss Prot 80854 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

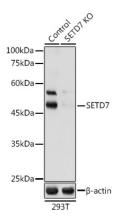
Source Isotype **Purification** Rabbit IgG Affinity purification

Storage

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

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

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.