

A4136

Leader in Biomolecular Solutions for Life Science



[KD Validated] KMT5A/SETD8 Rabbit mAb

Catalog No.: A4136

Recombinant

Basic Information

Observed MW

49kDa

Calculated MW

43kDa

Category

SMab Recombinant Monoclonal
Antibody

Applications

WB,ELISA

Cross-Reactivity

Human,Mouse

CloneNo number

ARC0916

Background

The protein encoded by this gene is a protein-lysine N-methyltransferase that can monomethylate Lys-20 of histone H4 to effect transcriptional repression of some genes. The encoded protein is required for cell proliferation and plays a role in chromatin condensation.

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

387893

Swiss Prot

Q9NQR1

Immunogen

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

Synonyms

SET8; SET07; SETD8; PR-Set7; PR/SET07; [KO/KD Validated] KMT5A/SETD8

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

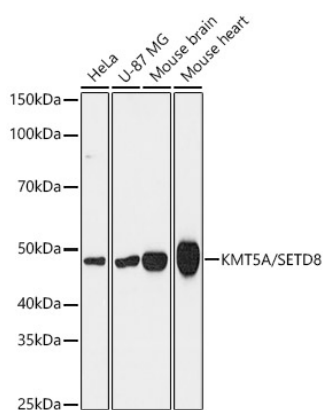
Affinity purification

Storage

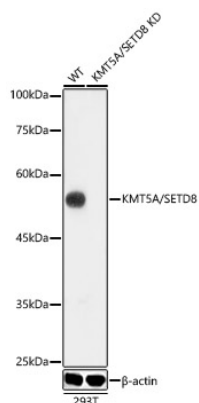
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

Validation Data



Western blot analysis of various lysates, using [KD Validated] KMT5A/SETD8 Rabbit mAb (A4136) 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: 180s.



Western blot analysis of lysates from wild type (WT) and KMT5A/SETD8 knockdown (KD) 293T cells, using [KD Validated] KMT5A/SETD8 Rabbit mAb (A4136) 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.
 Enhanced Kit (RM00021).
 Exposure time: 30s.