Leader in Biomolecular Solutions for Life Science

KMT5A/SETD8 Rabbit pAb

Catalog No.: A5256

www.abclonal.com

Basic Information

Observed MW
45kDa

Calculated MW
43kDa

Category
Polyclonal Antibodies

Applications
WB, IF/ICC, ELISA

Cross Reactivity
Human, Mouse, Rat

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
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
387893

Swiss-Prot
Q9NQR1

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

Synonyms
SET8; SET07; SETD8; PR-Set7; PR/SET07; KMT5A/SETD8

Contact

400-999-6126
cn.market@abclonal.com.cn
www.abclonal.com.cn

Product Information

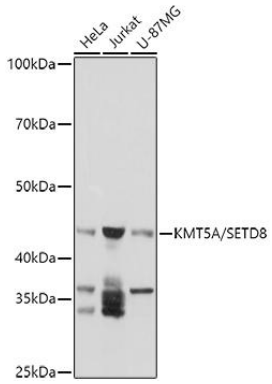
Source
Rabbit

Isotype
IgG

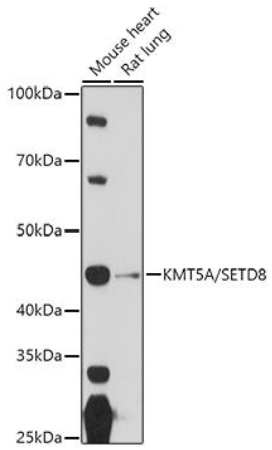
Purity
Affinity purification

Storage
Store at -20℃
Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

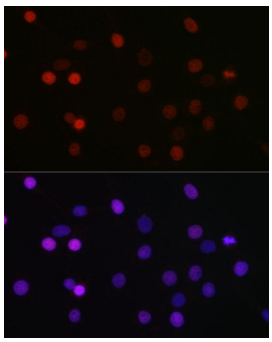
Validation Data



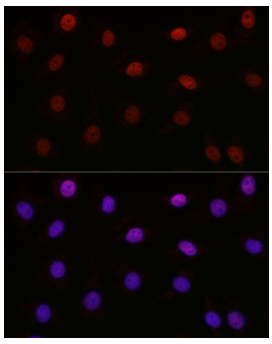
Western blot analysis of various lysates using KMT5A/SETD8 Rabbit pAb (A5256) at 1:1000 dilution incubated overnight at 4℃.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1: 10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30 s.



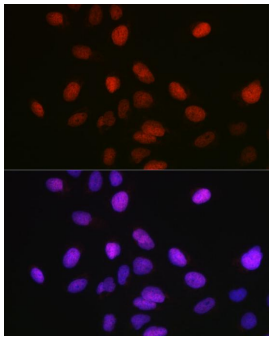
Western blot analysis of various lysates using KMT5A/SETD8 Rabbit pAb (A5256) at 1:1000 dilution incubated overnight at 4℃.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1: 10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90 s.



Immunofluorescence analysis of C6 cells using KMT5A/KMT5A/SETD8 Rabbit pAb (A5256) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH-3T3 cells using KMT5A/KMT5A/SETD8 Rabbit pAb (A5256) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U-2 OS cells using KMT5A/KMT5A/SETD8 Rabbit pAb (A5256) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.