

KMT3B Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58904**Specification**

KMT3B Polyclonal Antibody - Product Information

Application	IHC-P
Primary Accession	O96L73
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	296652

KMT3B Polyclonal Antibody - Additional Information**Gene ID** 64324**Other Names**

Histone-lysine N-methyltransferase, H3 lysine-36 specific, 2.1.1.357, Androgen receptor coactivator 267 kDa protein, Androgen receptor-associated protein of 267 kDa, H3-K36-HMTase, Lysine N-methyltransferase 3B, Nuclear receptor-binding SET domain-containing protein 1, NR-binding SET domain-containing protein, NSD1, ARA267, KMT3B

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

KMT3B Polyclonal Antibody - Protein Information**Name** NSD1**Synonyms** ARA267, KMT3B**Function**

Histone methyltransferase that dimethylates Lys-36 of histone H3 (H3K36me2). Transcriptional intermediary factor capable of both negatively or positively influencing transcription, depending on the cellular context.

Cellular Location

Nucleus. Chromosome.

Tissue Location

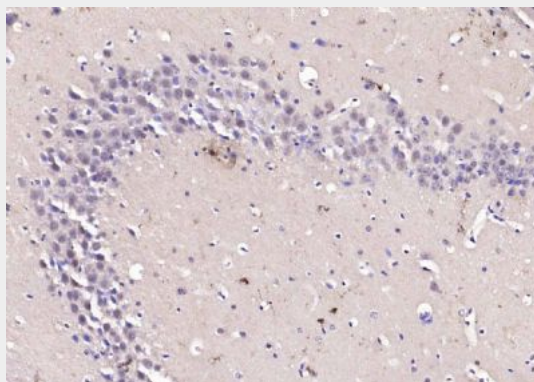
Expressed in the fetal/adult brain, kidney, skeletal muscle, spleen, and the thymus, and faintly in the lung

KMT3B Polyclonal Antibody - Protocols

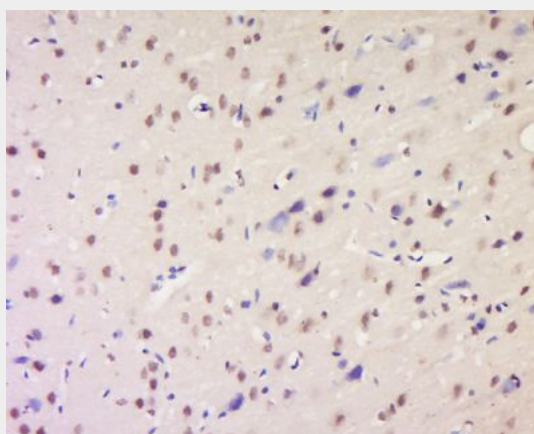
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

KMT3B Polyclonal Antibody - Images



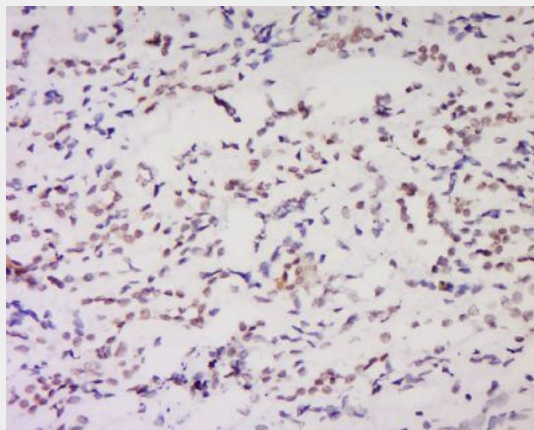
Paraformaldehyde-fixed, paraffin embedded (mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (KMT3B) Polyclonal Antibody, Unconjugated (bs-8170R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Tissue/cell: Rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-KMT3B Polyclonal Antibody, Unconjugated(bs-8170R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: Human kidney tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-KMT3B Polyclonal Antibody, Unconjugated(bs-8170R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining