

EHMT2 Rabbit mAb

Catalog No.: A19288 **Recombinant** **1 Publications**

Basic Information

Observed MW

160kDa,180kDa

Calculated MW

132kDa

Category

Primary antibody

Applications

ELISA,WB,IHC-P

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC2470

Background

This gene encodes a methyltransferase that methylates lysine residues of histone H3. Methylation of H3 at lysine 9 by this protein results in recruitment of additional epigenetic regulators and repression of transcription. This gene was initially thought to be two different genes, NG36 and G9a, adjacent to each other in the HLA locus. Alternative splicing results in multiple transcript variants.

Recommended Dilutions

WB	1:500 - 1:1000
IHC-P	1:50 - 1:200

Immunogen Information

Gene ID

10919

Swiss Prot

Q96KQ7

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 2-300 of human EHMT2 (Q96KQ7).

Synonyms

G9A; BAT8; GAT8; NG36; KMT1C; C6orf30; EHMT2

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

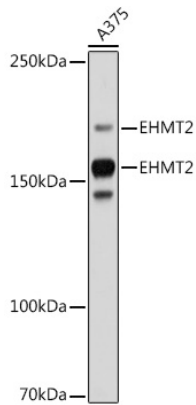
Affinity purification

Storage

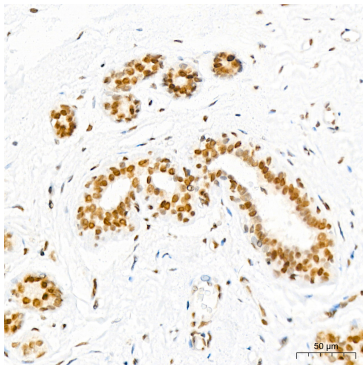
Store at -20°C. Avoid freeze / thaw cycles.

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

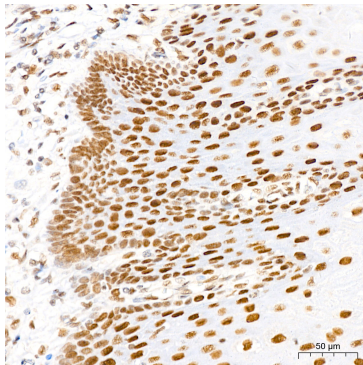
Validation Data



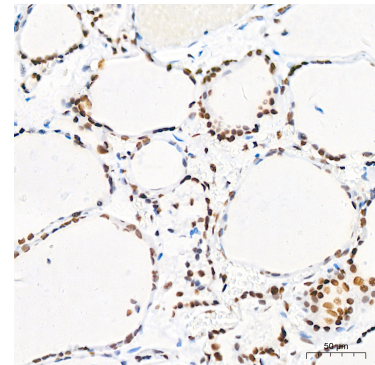
Western blot analysis of extracts of A375 cells, using EHMT2 antibody (A19288) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.



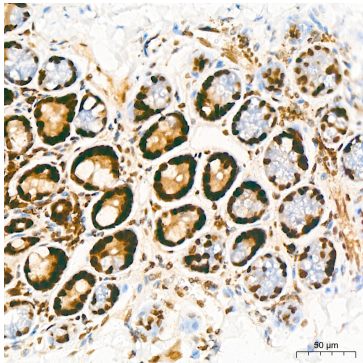
Immunohistochemistry analysis of EHMT2 in paraffin-embedded human breast tissue using EHMT2 Rabbit mAb (A19288) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



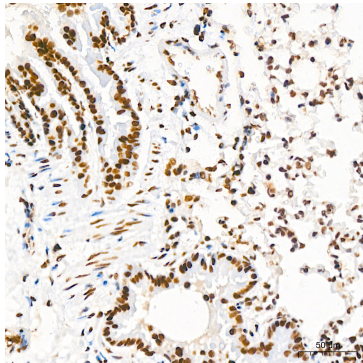
Immunohistochemistry analysis of EHMT2 in paraffin-embedded human esophagus tissue using EHMT2 Rabbit mAb (A19288) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



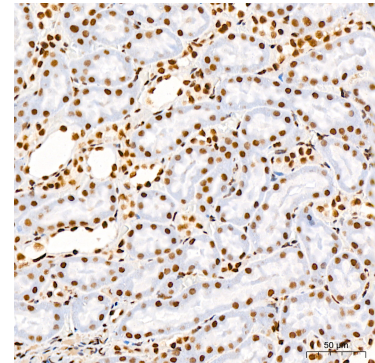
Immunohistochemistry analysis of EHMT2 in paraffin-embedded human thyroid tissue using EHMT2 Rabbit mAb (A19288) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of EHMT2 in paraffin-embedded mouse colon tissue using EHMT2 Rabbit mAb (A19288) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.

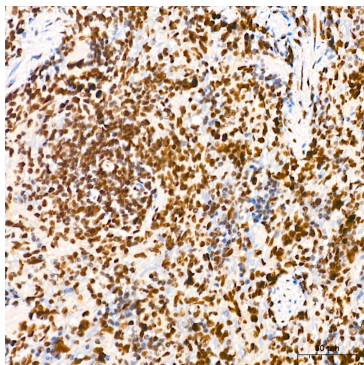


Immunohistochemistry analysis of EHMT2 in paraffin-embedded mouse lung tissue using EHMT2 Rabbit mAb (A19288) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of EHMT2 in paraffin-embedded rat kidney tissue using EHMT2 Rabbit mAb (A19288) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.

Validation Data



Immunohistochemistry analysis of EHM2 in paraffin-embedded rat spleen tissue using EHM2 Rabbit mAb (A19288) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.