

SETMAR Rabbit pAb

Catalog No.: A6738 **1 Publications**

Basic Information

Observed MW

Refer to Figures

Calculated MW

78kDa

Category

Primary antibody

Applications

ELISA, IHC-P

Cross-Reactivity

Human

Background

This gene encodes a fusion protein that contains an N-terminal histone-lysine N-methyltransferase domain and a C-terminal mariner transposase domain. The encoded protein binds DNA and functions in DNA repair activities including non-homologous end joining and double strand break repair. The SET domain portion of this protein specifically methylates histone H3 lysines 4 and 36. This gene exists as a fusion gene only in anthropoid primates, other organisms lack mariner transposase domain. Alternate splicing results in multiple transcript variants.

Recommended Dilutions

IHC-P 1:50 - 1:200

Immunogen Information

Gene ID

6419

Swiss Prot

Q53H47

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 20-300 of human SETMAR (NP_006506.3).

Synonyms

Mar1; METNASE; SETMAR

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

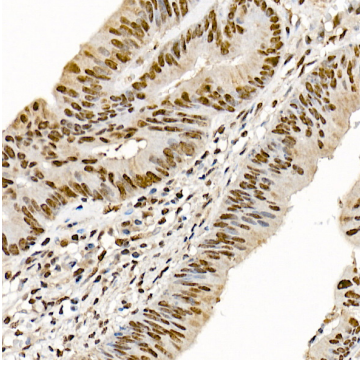
Affinity purification

Storage

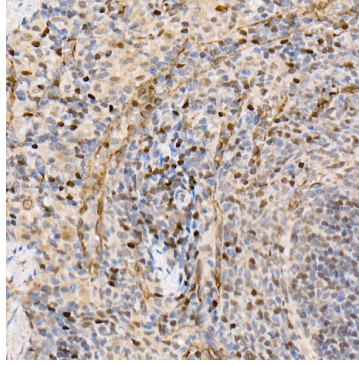
Store at -20°C. Avoid freeze / thaw cycles.

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

Validation Data



Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma using SETMAR Rabbit pAb (A6738) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded Rat spleen using SETMAR Rabbit pAb (A6738) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.