

A6738

Leader in Biomolecular Solutions for Life Science



SETMAR Rabbit pAb

Catalog No.: A6738

1 Publications

Basic Information

Observed MW

Refer to Figures

Calculated MW

78kDa

Category

Polyclonal Antibody

Applications

IHC-P, ELISA

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

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
6419

Swiss Prot
Q53H47

Immunogen

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

Synonyms

Mar1; METNASE; SETMAR

Contact



www.abclonal.com

Product Information

Source
Rabbit

Isotype
IgG

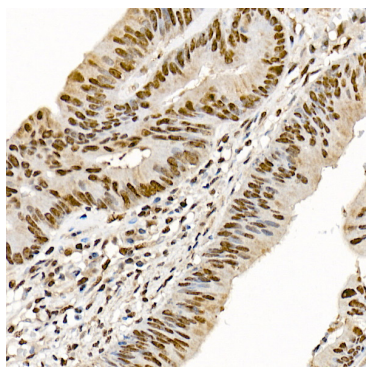
Purification
Affinity purification

Storage

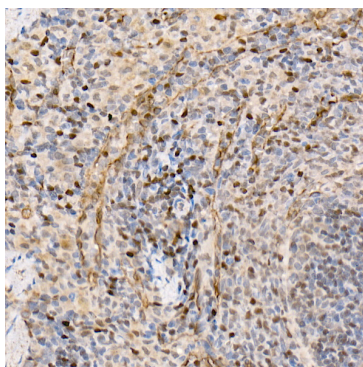
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 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). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat spleen using SETMAR Rabbit pAb (A6738) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.