

# SETMAR Rabbit pAb

Catalog No.: A6738

1 Publications

## Basic Information

### Observed MW

Refer to Figures

### Calculated MW

78kDa

### Category

Primary 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

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

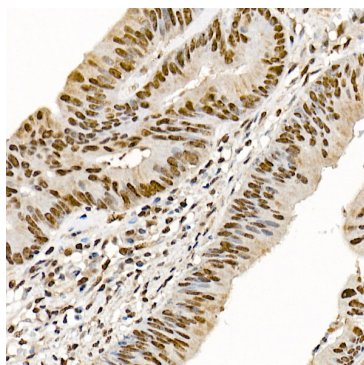
Affinity purification

### Storage

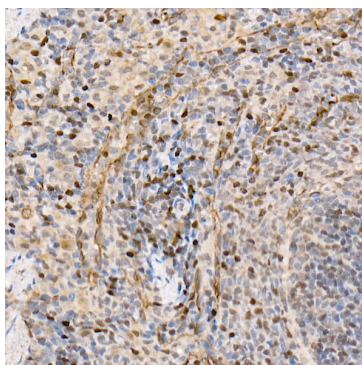
Store at -20°C

## Validation Data

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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.