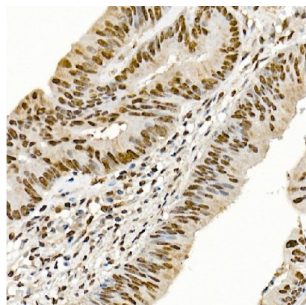
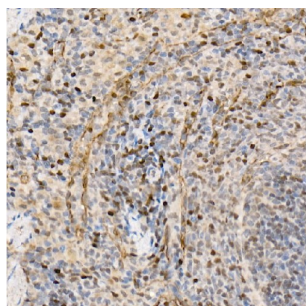


Histone-Lysine N-Methyltransferase SETMAR (SETMAR) Antibody

Catalogue No.: abx005169



Immunohistochemistry of paraffin-embedded human colon carcinoma using SETMAR Antibody (1/100 dilution, 40x lens). High pressure antigen retrieval was performed in 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry of paraffin-embedded rat spleen using SETMAR Antibody (1/100 dilution, 40x lens). High pressure antigen retrieval was performed in 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

SETMAR Antibody is a Rabbit Polyclonal antibody against SETMAR. 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.

Target: Histone-Lysine N-Methyltransferase SETMAR (SETMAR)

Clonality: Polyclonal

Reactivity: Human

Tested Applications: IHC

Host: Rabbit

Recommended dilutions: IHC-P: 1/50 - 1/200. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Recombinant fusion protein corresponding to human SETMAR

Isotype: IgG

Datasheet

Version: 3.0.0

Revision date: 09 Oct 2025



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| Form: | Liquid |
| Purification: | Purified by affinity chromatography. |
| Storage: | Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles. |
| UniProt Primary AC: | Q53H47 (UniProt , ExPASy) |
| Gene Symbol: | SETMAR |
| GeneID: | 6419 |
| NCBI Accession: | NP_006506.3 |
| KEGG: | hsa:6419 |
| String: | 9606.ENSP00000373354 |
| Molecular Weight: | Calculated MW: 40 kDa/62 kDa/78 kDa |
| Buffer: | PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol. |
| Concentration: | 1 mg/ml |
| Note: | THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION. |