

Rabbit anti-Human SETMAR Polyclonal Antibody | anti-SETMAR antibody

SETMAR Antibody

CATALOG # AAA308577	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
-------------------------------	-----------------------	----------------------------	---

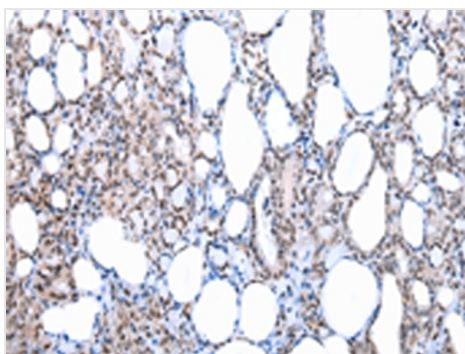
PRODUCT SYNONYMS

SETMAR; Polyclonal Antibody; SETMAR Antibody; Mar1; HsMar1; METNASE; anti-SETMAR antibody

PRODUCT SPECIFICATIONS

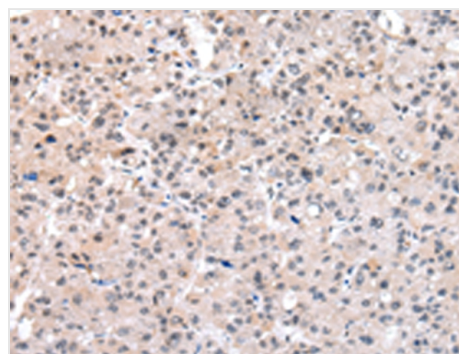
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total SETMAR protein.
Purity/Purification	Antigen Affinity Purification
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	545
Applicable Applications for anti-SETMAR antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Fusion protein of human SETMAR
Immunogen Type	Protein
Preparation and Storage	Store at -20 degree C

IMAGES



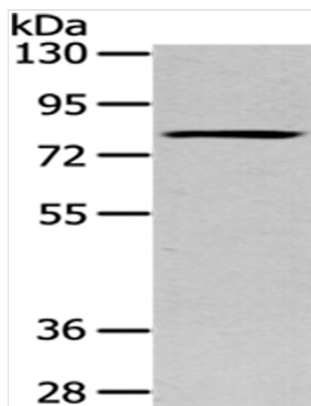
IHC (Immunohistochemisry)

Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using at dilution 1/20.



IHC (Immunohiostchemistry)

Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using at dilution 1/20.



WB (Western Blot)

Gel: 6%SDS-PAGE Lysate: 40 µg Lane: Jurkat cell Primary antibody: 1/400 dilution
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution Exposure time: 30 seconds

ADDITIONAL INFORMATION

Related Product Information for anti-SETMAR antibody	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.
Product Categories/Family for anti-SETMAR antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	344030209
NCBI GeneID	6419
NCBI Accession #	NP_001230652.1
NCBI GenBank Nucleotide #	NM_001243723.1
UniProt Accession #	Q53H47; Q13579; Q1G668; Q96F41; B4DY74; E7EN68
Molecular Weight	62,124 Da
NCBI Official Full Name	histone-lysine N-methyltransferase SETMAR isoform 2
NCBI Official Synonym Full Names	SET domain and mariner transposase fusion gene
NCBI Official Symbol	SETMAR
NCBI Official Synonym Symbols	Mar1; METNASE
NCBI Protein Information	histone-lysine N-methyltransferase SETMAR
UniProt Protein Name	Histone-lysine N-methyltransferase SETMAR
UniProt Gene Name	SETMAR
UniProt Synonym Gene Names	Metnase
UniProt Entry Name	SETMR_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.