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anti-SETMAR antibody (AA 225-275)



Go to Product page

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Quantity:	100 μg
Target:	SETMAR
Binding Specificity:	AA 225-275
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SETMAR antibody is un-conjugated
Application:	Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-Metnase Antibody, Affinity Purified
Immunogen:	Between AA 225 and 275
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	SETMAR
Alternative Name:	Metnase (SETMAR Products)
Background:	Background: Metnase is also known as Histone-lysine N-methyltransferase SETMAR. Metnase is a histone methyltransferase that methylates 'Lys-4' and 'Lys-36' of histone H3, 2 specific tags

Target Details

for epigenetic transcriptional activation. Metanase specifically mediates dimethylation of H3
'Lys-36', and has sequence-specific DNA-binding activity and recognizes the 19-mer core of the
5'-terminal inverted repeats (TIRs) of the Hsmar1 element. Metnase possessess DNA nicking
activity and in vivo end joining activity, and it may mediate genomic integration of foreign DNA
[taken from the Universal Protein Resource (UniProt) Q53H47].

Gene ID: 6419

UniProt: Q53H47

Pathways: Positive Regulation of Response to DNA Damage Stimulus

Application Details

Application Notes: IP: 2 - 10 µg/mg lysate

WB: Not recommended

Restrictions: For Research Use only

Handling

Concentration:	1000 μg/mL	
Buffer:	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	4 °C	
Expiry Date:	12 months	