



[Go to Product page](#)

Datasheet for ABIN7449766
anti-SETMAR antibody (AA 1-50)

Overview

Quantity:	100 µg
Target:	SETMAR
Binding Specificity:	AA 1-50
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SETMAR antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-Metnase Antibody, Affinity Purified
Immunogen:	Between AA 1 and 50
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. Metnase 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 possesses 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: 1:1,000 - 1:5,000

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