antibodies - online.com







anti-SETMAR antibody (C-Term)



Image



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Alternative Name:

Quantity:	100 μL
Target:	SETMAR
Binding Specificity:	C-Term
Reactivity:	Human, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SETMAR antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human SETMAR
Sequence:	FLQGKRFHNQ QDAENAFQEF VESQSTDFYA TGINQLISRW QKCVDCNGSY
Predicted Reactivity:	Cow: 100%, Human: 100%
Characteristics:	This is a rabbit polyclonal antibody against SETMAR. It was validated on Western Blot.
Purification:	Affinity Purified
Target Details	
Target:	SETMAR
A1 A1	OFTIME (OFTIME DOLLAR)

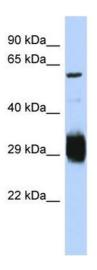
SETMAR (SETMAR Products)

Target Details

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.
	Protein Interaction Partner: CHEK1, H3F3C, tat, PRPF19, SETMAR, RAD9A, PCNA, TOP2A,
	XRCC4,
	Protein Size: 545
Molecular Weight:	59 kDa
Gene ID:	6419
NCBI Accession:	NP_001230652
UniProt:	E7EN68
Pathways:	Positive Regulation of Response to DNA Damage Stimulus
Application Details	
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %
	sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. Host: Rabbit Target Name: SETMAR Sample Type: Jurkat Whole Cell lysates Antibody Dilution: 1.0ug/ml