

Anti-SETMAR Polyclonal Antibody

Cat: K108197P

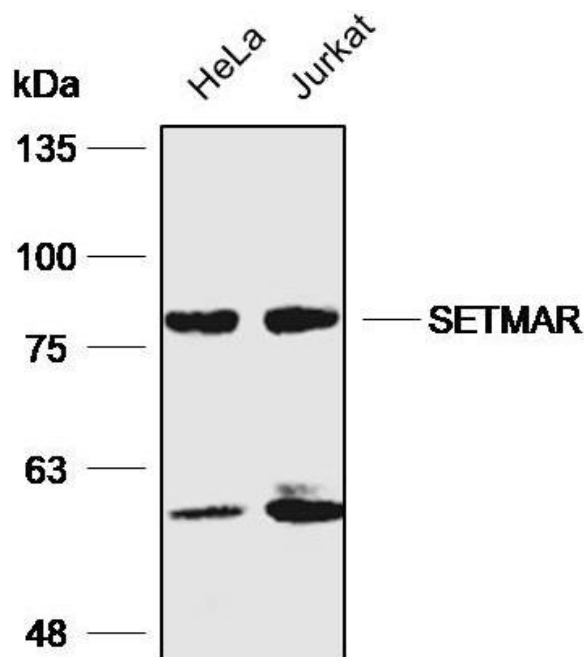
Summary:

【Product name】 : Anti-SETMAR antibody	【Source】 : Rabbit
【Isotype】 : IgG	【Species reactivity】 : Human Mouse Rat
【Swiss Prot】 : Q53H47	【Gene ID】 : 6419
【Calculated】 : MW:40/62/78kDa	【Observed】 : MW:80kDa
【Purification】 : Affinity purification	
【Tested applications】 : WB	
【Recommended dilution】 : WB 1:1000-3000.	
【WB Positive sample】 : Hela, Jurkat	
【Subcellular location】 : Nucleus	
【Immunogen】 : Recombinant protein of human SETMAR	
【Storage】 : Shipped at 4°C. Upon delivery aliquot and store at -20°C	

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. Alternate splicing results in multiple transcript variants.

Verified picture



Western blot analysis with SETMAR antibody
diluted at 1:2000; Lane: HeLa, Jurkat