

Product datasheet for TA362681

OriGene Technologies, Inc.

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SETMAR Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Reactivity: Human Rabbit

Clonality: Polyclonal

Immunogen: The immunogen is a synthetic peptide directed towards the middle region of human SETMAR

Specificity: Expected reactivity: Human

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose

Note that this product is shipped as lyophilized powder to China customers.

Concentration: lot specific

Purification:Affinity purifiedConjugation:Unconjugated

Storage: 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.

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 41 kDa

Gene Name: SET domain and mariner transposase fusion gene

Database Link: NP 001230652.1

Entrez Gene 6419 Human

Q53H47-2

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.





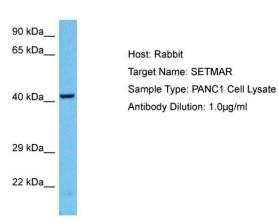
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Synonyms: Hsmar1; METNASE

Protein Families: Druggable Genome, Transcription Factors

Protein Pathways: Lysine degradation

Product images:



Host: Rabbit

Target Name: SETMAR

Sample Tissue: Human PANC1 Whole Cell lysates

Antibody Dilution: 1ug/ml