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Product datasheet for TA805450AM

hSET1 (SETD1A) Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI1D3]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI1D3
Applications:	WB
Recommended Dilution:	WB 1:2000
Reactivity:	Human, Mouse
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 1-320 of human SETD1A(NP_055527) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	0.5 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Biotin
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	185.9 kDa
Gene Name:	SET domain containing 1A
Database Link:	NP_055527 Entrez Gene 233904 MouseEntrez Gene 9739 Human O15047
Background:	SET1A is a component of a histone methyltransferase (HMT) complex that produces mono-, di-, and trimethylated histone H3 at Lys4. The complex is the analog of the S. cerevisiae Set1/COMPASS complex (Lee and Skalnik, 2005 [PubMed 16253997]). Also see SET1B (MIM 611055). [supplied by OMIM, Mar 2008]
Synonyms:	KMT2F; Set1; Set1A

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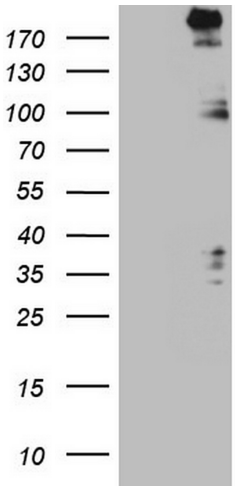
Protein Families: Druggable Genome

Protein Pathways: Lysine degradation

Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY SETD1A ([RC214996], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-SETD1A. Positive lysates [LY415047] (100ug) and [LC415047] (20ug) can be purchased separately from OriGene.