

Product datasheet for **TA805877BM**

hSET1 (SETD1A) Mouse Monoclonal Antibody (HRP conjugated) [Clone ID: OTI7B7]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI7B7
Applications:	IHC, WB
Recommended Dilution:	WB 1:500, IHC 1:150
Reactivity:	Human, Mouse
Host:	Mouse
Isotype:	IgG1
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.
Concentration:	0.5 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	HRP
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 Mouse Entrez 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 <i>S. cerevisiae</i> Set1/COMPASS complex (Lee and Skalnik, 2005 [PubMed 16253997]). Also see SET1B (MIM 611055). [supplied by OMIM, Mar 2008]
Synonyms:	KMT2F; Set1; Set1A

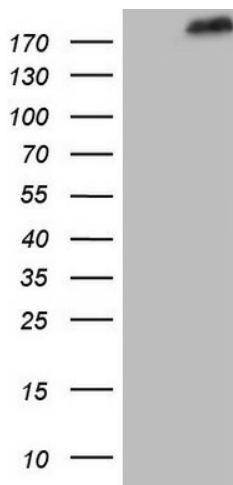


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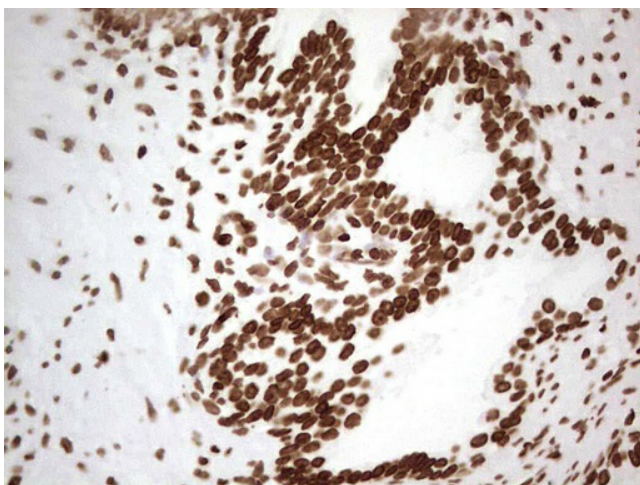
Protein Families: Druggable Genome

Protein Pathways: Lysine degradation

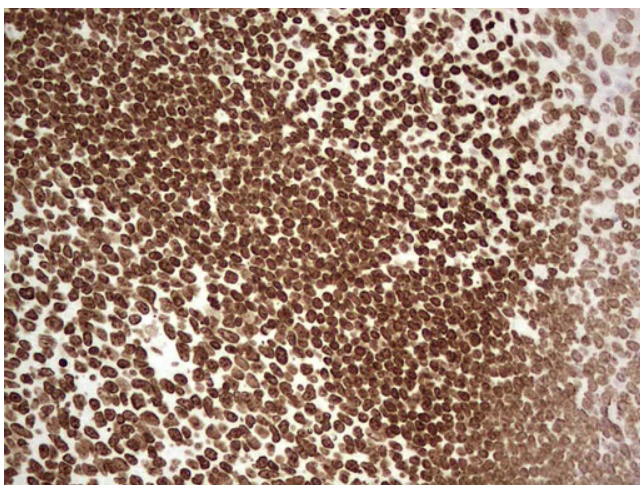
Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY SETD1A (Cat# [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 (Cat# [TA805877]). Positive lysates [LY415047] (100ug) and [LC415047] (20ug) can be purchased separately from OriGene.



Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-SETD1A mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, [TA805877])



Immunohistochemical staining of paraffin-embedded Human tonsil within the normal limits using anti-SETD1A mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, [TA805877])