OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
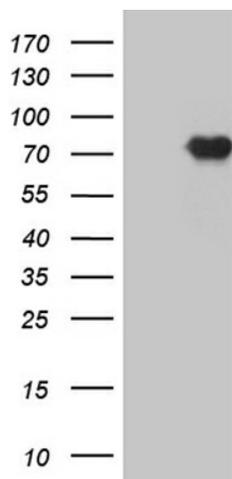techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for TA809927

PRMT7 Mouse Monoclonal Antibody [Clone ID: OTI10A8]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI10A8
Applications:	WB
Recommend Dilution:	WB 1:2000
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human PRMT7 (NP_061896) produced in HEK293T cell.
Formulation:	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Predicted Protein Size:	78.3 kDa
Gene Name:	protein arginine methyltransferase 7
Database Link:	NP_061896 Entrez Gene 54496 Human
Background:	Arginine methylation is an apparently irreversible protein modification catalyzed by arginine methyltransferases, such as PMT7, using S-adenosylmethionine (AdoMet) as the methyl donor. Arginine methylation is implicated in signal transduction, RNA transport, and RNA splicing (Miranda et al., 2004 [PubMed 15044439]). [supplied by OMIM, Mar 2008]. Transcript Variant: This variant (2) lacks an exon in the 5' UTR and in the 5' coding region compared to variant 1. The resulting protein (isoform 2) is shorter but has the same N- and C-termini compared to isoform 1. ##Evidence-Data-START## Transcript exon combination :: AK304605.1 [ECO:0000332] RNAseq introns :: single sample supports all introns ERS025087, ERS025093 [ECO:0000348] ##Evidence-Data-END## COMPLETENESS: complete on the 3' end.
Synonyms:	FLJ10640; KIAA1933
Protein Families:	Druggable Genome

View online »

ORIGENE

Product images:

HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PRMT7 ([RC201672], 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-PRMT7 (1:2000). Positive lysates [LY402728] (100ug) and [LC402728] (20ug) can be purchased separately from OriGene.