

For Research Use Only

SETD7 Monoclonal antibody

Catalog Number: 68569-1-Ig



Basic Information

Catalog Number: 68569-1-Ig	GenBank Accession Number: BC121055	Purification Method: Protein G purification
Size: 150ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 80854	CloneNo.: 1C1A9
Source: Mouse	UNIPROT ID: Q8WTS6	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG1	Full Name: SET domain containing (lysine methyltransferase) 7	
Immunogen Catalog Number: AG33803	Calculated MW: 366 aa, 41 kDa	
	Observed MW: 48-50 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls:
Species Specificity: Human, mouse, rat	WB : LNCaP cells, Jurkat cells, MCF-7 cells, HeLa cells, HEK-293 cells, K-562 cells, HSC-T6 cells, NIH/3T3 cells

Background Information

SET domain containing lysine methyltransferase 7 (SETD7, also called SET7/9) was the first lysine methyltransferase (KMT) discovered to specifically monomethylate lysine-4 of histone 3 (H3K4me1) (PMID: 26435321). SETD7 has been shown to have a very broad target specificity in vitro, including transcriptional regulators such as TAF10, p53, ER, p65, STAT3, Rb, Mypt, Tat, and Foxo3 (PMID: 25136132, 30013796).

Storage

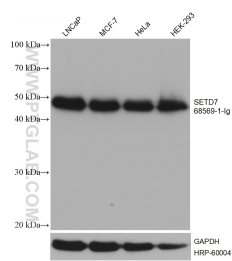
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

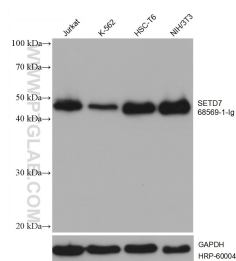
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68569-1-Ig (SETD7 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



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