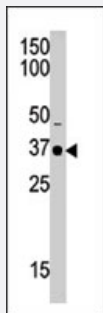


SETD7 polyclonal antibody

Catalog # PAB2370

Size 400 uL

Applications



Western Blot (Tissue lysate)

Western blot analysis of SETD7 polyclonal antibody (Cat # PAB2370) in mouse brain tissue lysate (35 ug/lane). SETD7 (arrow) was detected using the purified polyclonal antibody.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of SETD7.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to C-terminus of human SETD7.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Protein G purification
Recommend Usage	Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

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Gene Info — SETD7

Entrez GeneID	80854
Protein Accession#	NP_085151;Q8WTS6
Gene Name	SETD7
Gene Alias	FLJ21193, KIAA1717, KMT7, SET7, SET7/9, SET9
Gene Description	SET domain containing (lysine methyltransferase) 7
Omim ID	606594
Gene Ontology	Hyperlink
Other Designations	H3-K4-HMTase SET domain-containing protein 7 histone H3-K4 methyltransferase histone H3-lysine 4-specific methyltransferase

Publication Reference

- [Regulation of p53 activity through lysine methylation.](#)

Chuikov S, Kurash JK, Wilson JR, Xiao B, Justin N, Ivanov GS, McKinney K, Tempst P, Prives C, Gambelin SJ, Barlev NA, Reinberg D.

Nature 2004 Nov; 432(7015):353.

Application: WB-Tr, Human, 293F, U2OS cells

- [Human Sin3 deacetylase and trithorax-related Set1/Ash2 histone H3-K4 methyltransferase are tethered together selectively by the cell-proliferation factor HCF-1.](#)

Wysocka J, Myers MP, Laherty CD, Eisenman RN, Herr W.

Genes & Development 2003 Apr; 17(7):896.

- [Structure and catalytic mechanism of the human histone methyltransferase SET7/9.](#)

Xiao B, Jing C, Wilson JR, Walker PA, Vasisht N, Kelly G, Howell S, Taylor IA, Blackburn GM, Gamblin SJ.

Nature 2003 Jan; 421(6923):652.

Pathway

- [Lysine degradation](#)

Disease

- [Tobacco Use Disorder](#)