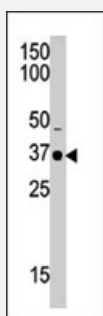


SETD7 polyclonal antibody

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](#)