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Datasheet for ABIN6147655
anti-SETDB1 antibody (AA 1-397)

2 Images

Overview

Quantity:	100 µL
Target:	SETDB1
Binding Specificity:	AA 1-397
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SETDB1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunoprecipitation (IP)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-397 of human SETDB1 (NP_001230420.1).
Sequence:	MSSLPGCIGL DAATATVESE EIAELQQAVV EELGISMEEL RHFIDEELEK MDCVQQRKKQ LAELETWVIQ KESEVAHVDQ LFDDASRAVT NCESLVKDFY SKLGLQYRDS SSEDESSRPT EIIIEPDEDD DVLSIDSGDA GSRTPKDQKL REAMAALRKS AQDVQKFMDA VNKKSSSQDL HKGTL SQMSG ELSKDGDLIV SMRILGKKRT KTW HKGTLIA IQTVGPGKKY KVKFDNKGKS LLSGNHAIYD YHPPADKLYV GSRVVAKYKD GNQVWLYAGI VAETPNVKNK LRFLIFFDDG YASYVTQSEL YPICRPLKKT WEDIEDISCR DFIEEYVTAY PNRPMVLLKS GQLIKTEWEG TWWKSRVEEV DGSLVRILFL VLFFSTILEA EVGGGGT
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat

Product Details

Characteristics: Polyclonal Antibodies

Target Details

Target: SETDB1

Alternative Name: SETDB1 ([SETDB1 Products](#))

Background: This gene encodes a histone methyltransferase which regulates histone methylation, gene silencing, and transcriptional repression. This gene has been identified as a target for treatment in Huntington Disease, given that gene silencing and transcription dysfunction likely play a role in the disease pathogenesis. Alternatively spliced transcript variants of this gene have been described.,SETDB1,ESET,H3-K9-HMTase4,KG1T,KMT1E,TDRD21,Epigenetics & Nuclear Signaling,Chromatin Modifying Enzymes,Methylation,SETDB1

Molecular Weight: 44 kDa/143 kDa

Gene ID: 9869

UniProt: [Q15047](#)

Application Details

Application Notes: WB,1:500 - 1:2000,IF,1:50 - 1:100,IP,1:50 - 1:200

Comment: HIGH QUALITY

Restrictions: For Research Use only

Handling

Format: Liquid

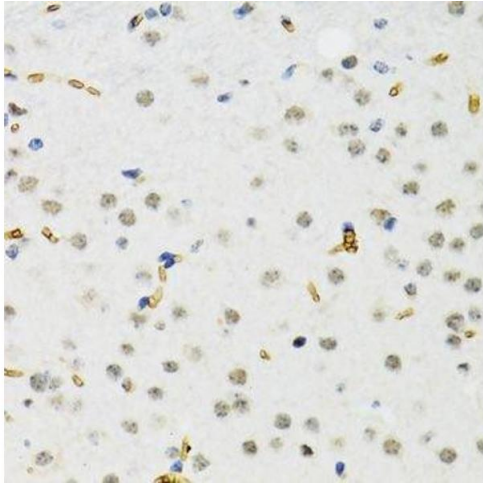
Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

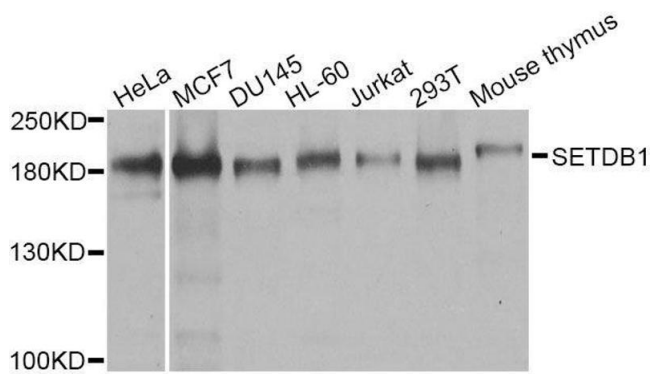
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded rat brain using SETDB1 antibody.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using SETDB1 antibody.