

SETD1A Monoklonaler Antikörper

Katalog-Nr.: 67936-1-Ig

Vorgestelltes Produkt

Allgemeine Informationen

Katalog-Nr.:

67936-1-Ig

Größe:

150ul, Konzentration: 1000 µg/ml von 9739

Nanodrop;

Wirt:

Maus

Isotyp:

IgG1

Immunogen Katalognummer:

AG30424

GenBank-Zugangsnummer:

NM_014712

GeneID (NCBI):

von 9739

Vollständiger Name:

SET domain containing 1A

Berechnete Masse:

186 kDa

Beobachtete Masse:

270 kDa

Reinigungsmethode:

Protein-G-Reinigung

CloneNo.:

1C2G12

Empfohlene Verdünnungen:

WB 1:5000-1:50000

Anwendungen

Geprüfte Anwendungen:

WB, ELISA

Getestete Reaktivität:

Human, Maus, Ratte

Positivkontrollen:

WB: HeLa-Zellen, HEK-293-Zellen, HepG2-Zellen, Jurkat-Zellen, K-562-Zellen, LNCaP-Zellen, Maushirngewebe, NIH/3T3-Zellen

Hintergrundinformationen

SETD1A is a SET domain-containing methyltransferase involved in the epigenetic regulation of transcription (PMID:12670868). It is the main catalytic component of a multiprotein complex that methylates lysine 4 of histone H3, a histone mark associated with gene activation (PMID:29937342). Responsible for H3K4me3 enriched promoters and transcriptional programming of inner mass stem cells and neuron progenitors during embryogenesis (PMID:31197650). Does not methylate 'Lys-4' of histone H3 if the neighboring 'Lys-9' residue is already methylated (PubMed:12670868). SETD1A has a calculated molecular weight of 186 kDa, and a 258 kDa band was also reported (PMID: 31076518).

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

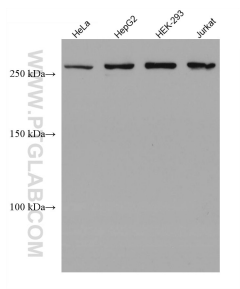
For technical support and original validation data for this product please contact:

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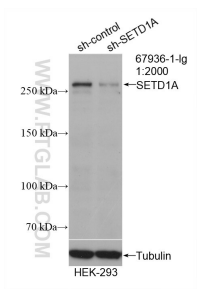
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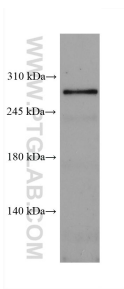
Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 67936-1-Ig (SETD1A antibody) at dilution of 1:10000 and incubated at room temperature for 1.5 hours.



WB result of SETD1A antibody (67936-1-Ig; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-SETD1A transfected HEK-293 cells.



Mouse brain tissue was subjected to SDS PAGE followed by western blot with 67936-1-Ig (SETD1A antibody) at a dilution of 1:3000 and incubated at room temperature for 1.5 hours.