

Datasheet for ABIN6571811
anti-EHMT1 antibody



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1 Image

Overview

Quantity:	200 µL
Target:	EHMT1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EHMT1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein of human EHMT1
Isotype:	IgG
Purification:	Affinity purification

Target Details

Target:	EHMT1
Alternative Name:	EHMT1 (EHMT1 Products)
Background:	Synonyms: bA188C12.1,DKFZp667M072,EHMT 1,EHMT1,EHMT1,Eu-HMTase1,Euchromatic histone lysine N methyltransferase 1,Euchromatic histone methyltransferase 1,Euchromatic histone-lysine N-methyltransferase 1,EUHMTASE1,FLJ12879,FP13812,G9a like protein 1,G9a like protein,G9a-like protein 1,GLP 1,GLP,GLP1,H3 K9 HMTase 5,H3-K9-HMTase 5,Histone H3 K9 methyltransferase 5,Histone H3-K9 methyltransferase 5,Histone lysine N methyltransferase

Target Details

H3 lysine 9 specific 5,Histone-lysine N-methyltransferase EHMT1,KIAA1876,Lysine N methyltransferase 1D,Lysine N-methyltransferase 1D,RP11 188C12.1

Background: The protein encoded by this gene is a histone methyltransferase that is part of the E2F6 complex, which represses transcription. The encoded protein methylates the Lys-9 position of histone H3, which tags it for transcriptional repression. This protein may be involved in the silencing of MYC- and E2F-responsive genes and therefore could play a role in the G0/G1 cell cycle transition. Defects in this gene are a cause of chromosome 9q subtelomeric deletion syndrome (9q-syndrome, also known as Kleefstra syndrome). Alternative splicing results in multiple transcript variants.

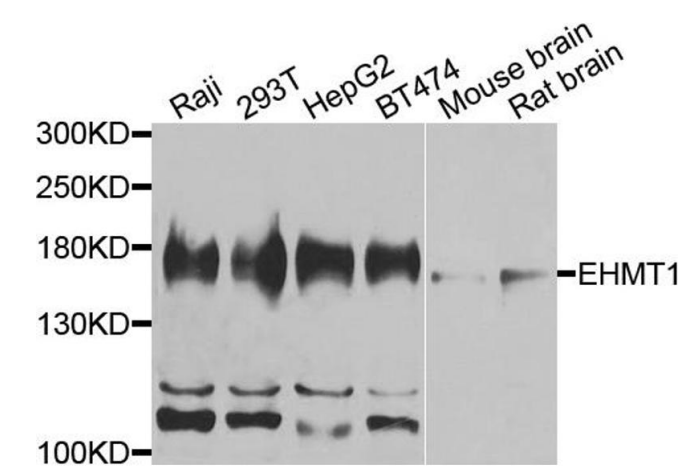
Molecular Weight:	Observed_MW: 141kDa Calculated_MW: 7kDa/86kDa/128kDa/141kDa
Gene ID:	79813
UniProt:	Q9H9B1

Application Details

Application Notes:	WB 1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Concentration:	1 mg/mL
Buffer:	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.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using EHMT1 antibody.