Datasheet for ABIN356543

anti-EHMT1 antibody (Center)

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Overview

Quantity:	0.4 mL
Target:	EHMT1
Binding Specificity:	Center
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EHMT1 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the Center region of human EHMT1.
Isotype:	Ig Fraction
Specificity:	This antibody is specific to EHMT1 (Center).
Purification:	Protein A Chromatography, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.

Target Details

Target:	EHMT1
Alternative Name:	EHMT1 (EHMT1 Products)

Target Details

Background:	EHMT1, also known as EUHMTASE1, is a histone methyltransferase. This protein methylates 'Lys-9' of histone H3 in vitro. H3 'Lys-9' methylation represents a specific tag for epigenetic transcriptional repression by recruiting HP1 proteins to methylated histones. EHMT1 is Probably targeted to histone H3 by different DNA-binding proteins like E2F6, MGA, MAX and/or DP1. During G0 phase, it probably contributes to silencing of MYC- and E2F-responsive genes, suggesting a role in the G0/G1 transition of the cell cycle.Synonyms: EUHMTASE1, Eu-HMTase1, Euchromatic histone-lysine N-methyltransferase 1, G9a-like protein 1, GLP, GLP1, H3-K9-HMTase 5, Histone H3-K9 methyltransferase 5, Histone-lysine N-methyltransferase EHMT1, KIAA1876, KMT1D, Lysine N-methyltransferase 1D
Gene ID:	79813, 9606
UniProt:	Q9H9B1

Application Details

Application Notes:	ELISA: 1/1,000. Western Blot: 1/50-1/100. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at-20 °C for longer.

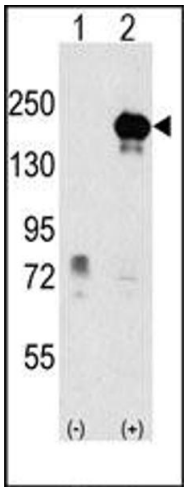

Image 1.

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