



[Go to Product page](#)

Datasheet for ABIN7466976
anti-EHMT2 antibody

Overview

Quantity:	100 µL
Target:	EHMT2
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EHMT2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of mouse G9a. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Mouse
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	EHMT2
Alternative Name:	euchromatic histone lysine N-methyltransferase 2 (EHMT2 Products)
Background:	Euchromatic histone lysine N-methyltransferase 2 , Bat8 , D17Ert710e , G9a , KMT1C , NG36,Histone methyltransferase. Preferentially methylates 'Lys-9' of histone H3 and 'Lys-27' of histone H3 (in vitro). H3 'Lys-9' methylation represents a specific tag for epigenetic

Target Details

transcriptional repression by recruiting HP1 proteins to methylated histones. Also methylates histone H1.

Molecular Weight: 138 kDa

Gene ID: 110147

UniProt: [Q9Z148](#)

Application Details

Application Notes: WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher.
Not tested in other applications.

Comment: Positive Control: NIH-3T3

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: 1XPBS (pH 7), 1 % BSA, 20 % Glycerol, 0.01 % Thimerosal

Preservative: Thimerosal (Merthiolate)

Precaution of Use: This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.