



[Go to Product page](#)

Datasheet for ABIN7467954
anti-EHMT2 antibody

Overview

Quantity:	100 µL
Target:	EHMT2
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EHMT2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunoprecipitation (IP), Chromatin Immunoprecipitation (ChIP)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human G9a. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by antigen-affinity chromatography.
Grade:	KO Validated

Target Details

Target:	EHMT2
Alternative Name:	euchromatic histone lysine methyltransferase 2 (EHMT2 Products)

Target Details

Background:	Synonyms: euchromatic histone lysine methyltransferase 2 , BAT8 , C6orf30 , G9A , GAT8 , KMT1C , NG36 Background: This gene encodes a methyltransferase that methylates lysine residues of histone H3. Methylation of H3 at lysine 9 by this protein results in recruitment of additional epigenetic regulators and repression of transcription. This gene was initially thought to be two different genes, NG36 and G9a, adjacent to each other in the HLA locus. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2016]
Molecular Weight:	132 kDa
Gene ID:	10919
UniProt:	Q96KQ7

Application Details

Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. IP: 1:100-1:500. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: Neuro 2A , C8D30 , NIH-3T3 , Raw264.7 , C2C12 Validation: KO/KD
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1.34 mg/mL
Buffer:	1XPBS (pH 7), 20 % Glycerol, 0.025 % ProClin 300
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: 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.