

**Product Name: EHMT2/G9A Rabbit Monoclonal Antibody**  
**Catalog #: AMRe03938**

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## Summary

<b>Production Name</b>	EHMT2/G9A Rabbit Monoclonal Antibody
<b>Description</b>	Rabbit Monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC-F,IHC-P,ICC/IF,FC,IP
<b>Reactivity</b>	Human, Mouse, Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
<b>Purification</b>	Affinity Purification

## Immunogen

<b>Gene Name</b>	EHMT2
<b>Alternative Names</b>	Bat8; Ehmt2; G9A; GAT8; NG36
<b>Gene ID</b>	10919
<b>SwissProt ID</b>	Q96KQ7.

## Application

<b>Dilution Ratio</b>	WB: 1:500-1:1000 IHC: 1:50-1:100 IF: 1:50-1:200 IP: 1:20 FC: 1:50-1:100
<b>Molecular Weight</b>	Calculated MW:132 kDa;Observed MW: 160-180 kDa

## Background

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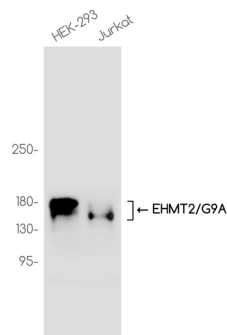
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Histone methyltransferase that specifically mono- and dimethylates 'Lys-9' of histone H3 (H3K9me1 and H3K9me2, respectively) in euchromatin. H3K9me represents a specific tag for epigenetic transcriptional repression by recruiting HP1 proteins to methylated histones.

### Research Area

Epigenetics and Nuclear Signaling

### Image Data



Western blot analysis of EHMT2/G9A in HEK-293, Jurkat lysates using EHMT2/G9A antibody.

### Note

For research use only.