

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

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,FC,IP
Reactivity	Human, Mouse, Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% protective protein.
Purification	Affinity Purification

Application

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

Antigen Information

Gene Name	EHMT2
Alternative Names	Bat8; Ehmt2; G9A; GAT8; NG36
Gene ID	10919
SwissProt ID	Q96KQ7
Immunogen	Recombinant protein of human G9a/EHMT2

Background

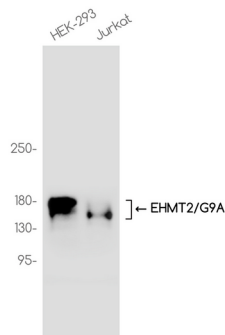
Histone methyltransferase that specifically mono- and dimethylates 'Lys-9' of histone H3 (H3K9me1 and H3K9me2, respectively) in euchromatin. H3K9me represents a specific tag for epigenetic transcriptional repression by recruiting HP1

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.