

EHMT2/G9A Rabbit mAb

Catalog No: #56571



Package Size: #56571-1 50ul #56571-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

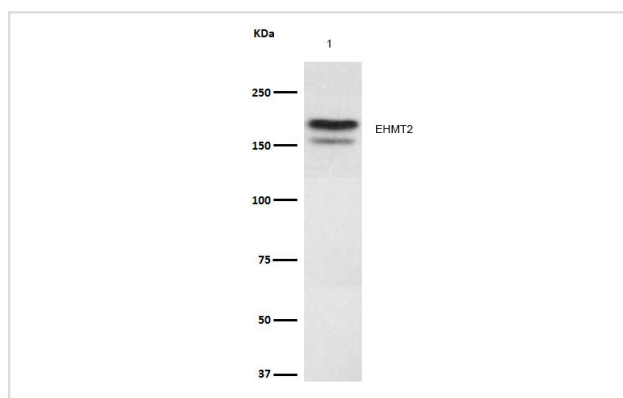
Product Name	EHMT2/G9A Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF
Species Reactivity	Human
Specificity	EHMT2/G9A Antibody detects endogenous levels of total EHMT2/G9A
Immunogen Description	A synthesized peptide derived from human EHMT2/G9A
Conjugates	Unconjugated
Other Names	Bat8; Ehmt2; G9A; GAT8; NG36;
Accession No.	Uniprot:Q96KQ7
Calculated MW	132 kDa
SDS-PAGE MW	160,170 kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Application Details

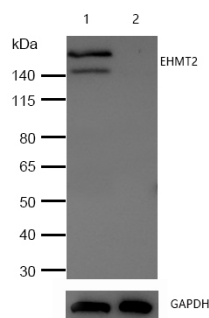
WB:1:500~1:2000

IHC:1:50~1:200

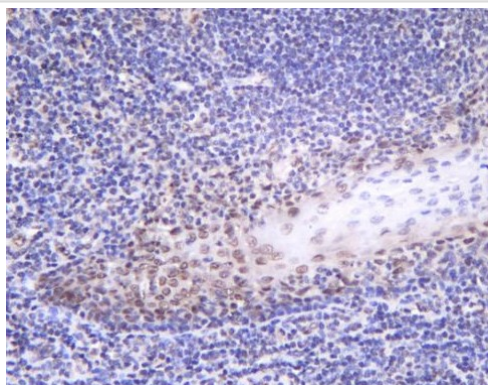
Images



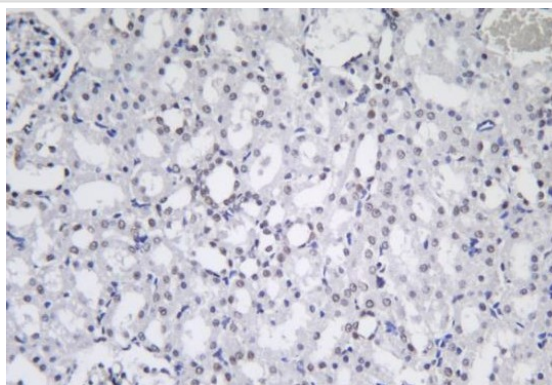
All lanes: EHMT2 Rabbit mAb at 1/1k dilution
Lane 1 : Hela whole cell lysates Lysates/proteins at 20 µg per lane.
Secondary All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution
Predicted band size: 132 kDa Observed band size: 160,170 kDa
Exposure time: 11 seconds



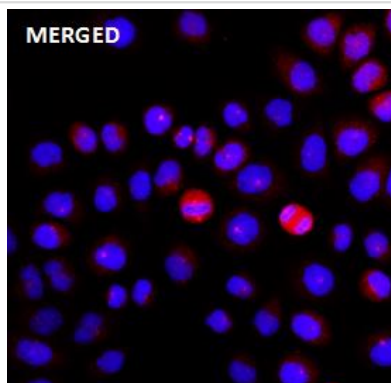
All lanes :EHMT2 Rabbit mAb at 1/1k dilution
Lane 1 : Wild-type HAP1 cell lysate
Lane 2 : EHMT2 knockdown HAP1 cell lysate
Lysates/proteins at 20 µg per lane.



Formalin-fixed, paraffin-embedded human tonsil tissue stained for EHMT2 using 56571 at 1/100 dilution in immunohistochemical analysis.



Formalin-fixed, paraffin-embedded rat kidney tissue stained for EHMT2 using 56571 at 1/100 dilution in immunohistochemical analysis.



Immunocytochemistry/ Immunofluorescence EHMT2 antibody (56571) ICC/IF staining of EHMT2 in HeLa cells. Cells were fixed with 4% Paraformaldehyde permeabilized with 0.1% Triton X-100.

Samples were incubated with 56571 at a working dilution of 1/100. The secondary antibody was Alexa FluorB 647 goat anti rabbit, used at a dilution of 1/500.

Nuclei were counterstained with DAPI.

Product Description

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.