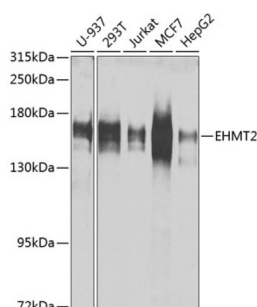
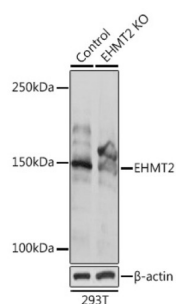


Euchromatic Histone-Lysine N-Methyltransferase 2 (EHMT2) Antibody

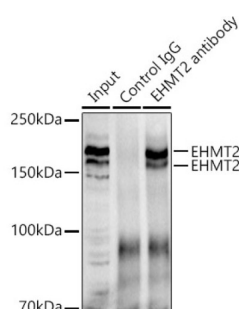
Catalogue No.: abx001159



Western blot analysis of various lysates using [KO Validated] EHMT2 Antibody at 1/1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Exposure time: 30s.



Western blot analysis of lysates from wild type (WT) and EHMT2 knockout (KO) 293T cells, using [KO Validated] EHMT2 Antibody at 1/1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Exposure time: 1s.



Immunoprecipitation analysis of 300 µg extracts of 293T cells using 3 µg [KO Validated] EHMT2 antibody. Western blot was performed from the immunoprecipitate using [KO Validated] EHMT2 antibody at a dilution of 1/1000.

EHMT2 Antibody is a Rabbit Polyclonal antibody against EHMT2. This gene is located in a gene cluster within the human major histocompatibility complex class III region on chromosome 6. This gene was thought to be two different genes, NG36 and G9a, adjacent to each other but recent publications show that there is only a single gene at this locus. The encoded protein is a histone methyltransferase, which may be involved in repression of transcription. Alternative splicing results in multiple transcript variants.

Target: Euchromatic Histone-Lysine N-Methyltransferase 2 (EHMT2)

Clonality: Polyclonal

Reactivity: Human

Tested Applications: ELISA, WB, IP

Host: Rabbit

Datasheet

Version: 3.0.0
Revision date: 24 Jun 2025



Recommended dilutions: ELISA: 1 µg/ml, WB: 1/500 - 1/1000, IP: 0.5 µg - 4 µg antibody per 200 µg - 400 µg extracts of whole cells. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 877-1176 of human EHMT2.

Isotype: IgG

Form: Liquid

Purification: Purified by affinity chromatography.

Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: Q96KQ7 ([UniProt](#), [ExPASy](#))

Gene Symbol: EHMT2

GeneID: [10919](#)

NCBI Accession: NP_079532.5

KEGG: hsa:10919

String: [9606.ENSP00000364678](#)

Molecular Weight: Calculated MW: 132 kDa
Observed MW: 150/170 kDa

Buffer: PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.

Concentration: > 0.2 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.