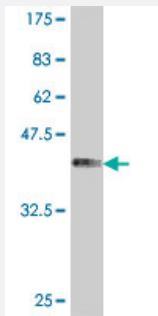


EHMT1 polyclonal antibody (A01)

Catalog # H00079813-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (37.11 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant EHMT1.
Immunogen	EHMT1 (NP_079033, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag.
Sequence	MAADEGSAEKQAGEAHMAADGETNGSCENS DASSHANAAKHTQDSARVNPQDGTNTL TRIAEN GVSERDSEAAKQNHVTADDFVQTSVIGSNGYILNKPA
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (84); Rat (81)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.11 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — EHMT1

Entrez GeneID [79813](#)

GeneBank Accession# [NM_024757](#)

Protein Accession# [NP_079033](#)

Gene Name EHMT1

Gene Alias DEL9q34, DKFZp667M072, EUHMTASE1, Eu-HMTase1, FLJ12879, FP13812, GLP, KIAA1876, KMT1D, bA188C12.1

Gene Description euchromatic histone-lysine N-methyltransferase 1

Omim ID [607001 610253](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a histone methyltransferase that is part of the E2F6 complex, which represses transcription. The encoded protein methylates the Lys-9 position of histone H3, which tags it for transcriptional repression. This protein may be involved in the silencing of MYC- and E2F-responsive genes and therefore could play a role in the G0/G1 cell cycle transition. Defects in this gene are a cause of chromosome 9q subtelomeric deletion syndrome (9q-syndrome). Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations G9a like protein|OTTHUMP00000022711|euchromatic histone methyltransferase 1

Pathway

- [Lysine degradation](#)

Disease

- [Adenocarcinoma](#)
- [Breast cancer](#)

- [Breast Neoplasms](#)
- [Colorectal Neoplasms](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Microsatellite Instability](#)
- [Neoplasm Invasiveness](#)
- [Tobacco Use Disorder](#)