

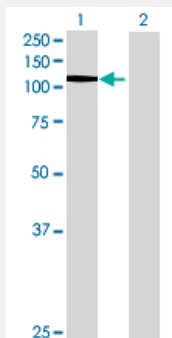
MaxPab®

EHMT1 MaxPab mouse polyclonal antibody (B01P)

Catalog # H00079813-B01P

Size 50 ug

Applications

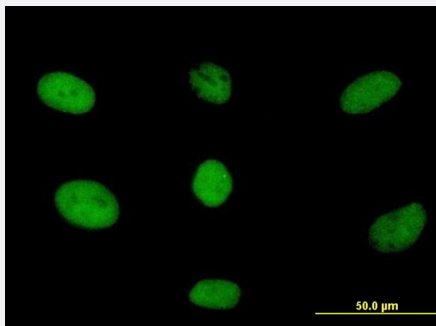


Western Blot (Transfected lysate)

Western Blot analysis of EHMT1 expression in transfected 293T cell line ([H00079813-T01](#)) by EHMT1 MaxPab polyclonal antibody.

Lane 1: EHMT1 transfected lysate (88.88 kDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to EHMT1 on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human EHMT1 protein.

Immunogen

EHMT1 (AAH47504.1, 1 a.a. ~ 808 a.a) full-length human protein.

Sequence	MAAADAEAVPARGEPQQDCCVKTELLGEETPMAADEGSAEKQAGEAHMAADGETNGSCENS DASSHANAAKHTQDSARVNPQDGTNTLTRIAENGVSERDSEAAKQNHVTADDFVQTSVIGSNGY LNKPALQAQPLRTTSTLASSLPGHAAKTLPGGAGKGRTPSAFPQTPAAPPATLGEGSADTEDRK LPAPGADV K VHRARKTMPKSVVGLHAASKDPREVREARDHKEPKKEINKNISDFGRQQLPPFP SLHQSLPQNQCYMATTKSQTACLFPVLA AAVSRKKKRRMGTYSLVPKKTKVLKQRTVIEMFKSIT HSTVGSKGKEDLGGASSLHVNGESLEMDSDDEDDSEELEEDDGHGAEQAAAFPTEDSRTSKESM SEADRAQKMDGESEEEQESVDTGEEEGGDES LSSSESIKKKFLKRKGKTDSPWIKPARKRR RRSRKKPSGALGSESYKSSAGSAEQTAPGDSTGYMEVSLDSLDRVKILSSQAEGLANGPDVL ETDGLQEVP L CSCRMETPKSREITLANNQCMATESVDHELGRCTDSVVKYELMRPSNKA PLLV LCEDHRGRMVKHQCCPGCGYFCTAGNFMECQPESSISHRFHKDCASRVNNASYCPHCGEES KAKEVTIAKADTTSTVTPVPGQEKGSALEGRADTTTGSAAGPPLSEDDKLQGAASHVPEGFDPT GPAGLGRPTPGLSQGPGETLESALIALDSEKPKKLRFHPKQLYFSARQGELQKVLLMLVDGIDP NFKMEHQNKRSPLHAAA EAGHVDICHMLVQFCRLGSPRSRGCLW
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (84); Rat (81)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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- Western Blot (Transfected lysate)

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Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to EHMT1 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — EHMT1

Entrez GeneID [79813](#)

GeneBank Accession# [BC047504.1](#)

Protein Accession#	AAH47504.1
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](#)