EHMT1 rabbit monoclonal antibody

Catalog # H00079813-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human EHMT1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human EHMT1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human EHMT1 peptide by ELISA and mammalian transfected lysate by W estern Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering in cluding $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- ELISA

Gene Info — EHMT1

Entrez GeneID	79813
GeneBank Accession#	EHMT1
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