

A1247

Leader in Biomolecular Solutions for Life Science



## [KO Validated] EHMT2 Rabbit pAb

Catalog No.: A1247 **KO** Validated

### Basic Information

**Observed MW**

150kDa/170kDa

**Calculated MW**

132kDa

**Category**

Polyclonal Antibody

**Applications**

WB,IP,ELISA

**Cross-Reactivity**

Human

### Background

This gene encodes a methyltransferase that methylates lysine residues of histone H3. Methylation of H3 at lysine 9 by this protein results in recruitment of additional epigenetic regulators and repression of transcription. This gene was initially thought to be two different genes, NG36 and G9a, adjacent to each other in the HLA locus. Alternative splicing results in multiple transcript variants.

### Recommended Dilutions

**WB** 1:500 - 1:1000

**IP** 0.5µg-4µg antibody for  
200µg-400µg extracts of  
whole cells

### Immunogen Information

**Gene ID**

10919

**Swiss Prot**

Q96KQ7

**Immunogen**

Recombinant fusion protein containing a sequence corresponding to amino acids 877-1176 of human EHMT2 (NP\_079532.5).

**Synonyms**

G9A; BAT8; GAT8; NG36; KMT1C; C6orf30; T2

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

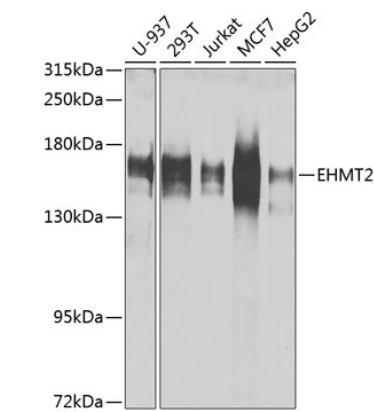
Affinity purification

**Storage**

Store at -20°C. Avoid freeze / thaw cycles.

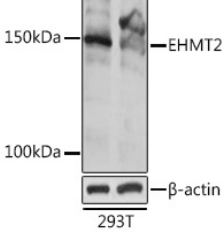
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of various lysates using [KO Validated] EHMT2 Rabbit pAb (A1247) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 30s.

Western blot analysis of lysates from wild type (WT) and EHMT2 knockout (KO) 293T cells, using [KO Validated] EHMT2 Rabbit pAb (A1247) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 1s.



Immunoprecipitation analysis of 300 µg extracts of 293T cells using 3 µg [KO Validated] EHMT2 antibody (A1247). Western blot was performed from the immunoprecipitate using [KO Validated] EHMT2 antibody (A1247) at a dilution of 1:1000.

