

## CAB2295

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### Product Information

<b>Product SKU:</b> CAB2295	<b>Gene ID:</b> 10919	<b>Size:</b> 20uL, 100uL
<b>Clone No:</b> -	<b>Host Species:</b> Rabbit	<b>Reactivity:</b> Human, Mouse

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### Additional Information

<b>Observed MW:</b> 130kDa	<b>Conjugate:</b> Unconjugated
<b>Calculated MW:</b> 132kDa	<b>Isotype:</b> IgG

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### Immunogen Information

**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 Dilution:** WB, 1:500 - 1:1000

**Synonyms:** G9A; BAT8; GAT8; NG36; KMT1C; C6orf30; EHMT2

**Purification Method:** Affinity purification

**Immunogen:** Recombinant fusion protein containing a sequence corresponding to amino acids 680-813 of human EHMT2 (NP\_006700.3).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.