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## Product Information

<b>Product SKU:</b>	CAB13499	<b>Gene ID:</b>	3176	<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>	33kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	33kDa	<b>Isotype:</b>	IgG

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## Immunogen Information

**Background:** In mammals, histamine is metabolized by two major pathways: N(tau)-methylation via histamine N-methyltransferase and oxidative deamination via diamine oxidase. This gene encodes the first enzyme which is found in the cytosol and uses S-adenosyl-L-methionine as the methyl donor. In the mammalian brain, the neurotransmitter activity of histamine is controlled by N(tau)-methylation as diamine oxidase is not found in the central nervous system. A common genetic polymorphism affects the activity levels of this gene product in red blood cells. Multiple alternatively spliced transcript variants that encode different proteins have been found for this gene.

**Recommended Dilution:** WB,1:500 - 1:2000 IP,0.5μg-4μg antibody for 200μg-400μg extracts of whole cells

**Synonyms:** HMT; MRT51; HNMT-S1; HNMT-S2; HNMT

**Purification Method:** Affinity purification

**Immunogen:** Recombinant fusion protein containing a sequence corresponding to amino acids 1-292 of human HNMT (NP\_008826.1).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.