# **HNMT Polyclonal Antibody**

Catalog Number: E-AB-64679



Note: Centrifuge before opening to ensure complete recovery of vial contents.

### **Description**

Reactivity Human, Mouse

**Immunogen** Recombinant fusion protein of human HNMT

Host Rabbit
Isotype IgG

**Purification** Affinity purification

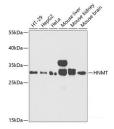
**Conjugation** Unconjugated

**Formulation** PBS with 0.02% sodium azide,50% glycerol,pH7.3.

**Applications** Recommended Dilution

**WB** 1:500-1:2000

### Data



Western blot analysis of extracts of various cell lines using HNMT Polyclonal Antibody at 1:1000 dilution.

Observed Mw:33kDa Calculated Mw:6kDa/14kDa/33kDa

## **Preparation & Storage**

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

### **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.

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