

**Setd5 polyclonal antibody**

Catalog: BS78118

Host: Rabbit

Reactivity: Mouse, Rat

**BackGround:**

Enables histone methyltransferase activity (H3-K36 specific) and histone methyltransferase activity (H3-K9 specific). Involved in several processes, including histone H3-K36 trimethylation; regulation of DNA-templated transcription, elongation; and regulation of histone acetylation. Located in euchromatin and nucleus. Part of Cdc73/Paf1 complex. Is expressed in several structures, including alimentary system; genitourinary system; nervous system; respiratory system; and sensory organ. Human ortholog(s) of this gene implicated in autosomal dominant non-syndromic intellectual disability 23. Orthologous to human SETD5 (SET domain containing 5).

**Product:**

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

**Molecular Weight:**

158KDa

**Swiss-Prot:**

Q5XJV7

**Purification&Purity:**

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

**Applications:**

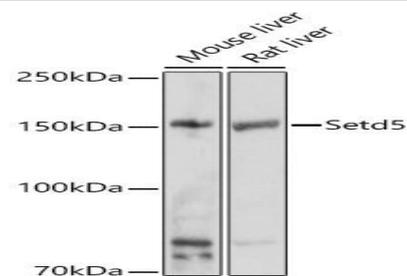
WB, 1:500 - 1:2000

**Storage&Stability:**

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Modification:**

Unmodification

**DATA:**

Western blot analysis of extracts of various cell lines, using Setd5 antibody at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.

**Note:**

For research use only, not for use in diagnostic procedure.

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