

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



KMT1B (H150) Peptide

Cat No.: BS2900P

Background

SUV39H2 (suppressor of variegation 3-9 homolog 2), also known as KMT1B or Histone H3-K9 methyltransferase 2, is a 410 amino acid protein that localizes to the centromere and contains one SET domain, one pre-SET domain, one post-SET domain and one chromo domain. Expressed at high levels in adult testis, SUV39H2 functions as a histone methyltransferase that trimethylates the Lys-9 residue of Histone H3, thereby playing an essential role in establishing constitutive heterochromatin at pericentric and telomere regions. SUV39H2 conveys its enzymatic activity via its multiple catalytic domains, which are necessary for both stable binding of SUV39H2 to chromatin and for SUV39H2 methyltransferase activity. Multiple isoforms of SUV39H2 exist due to alternative splicing events.

Swiss-Prot

Q9H5I1

Applications

Blocking

Specificity

This peptide can be used with studies using BS2900 KMT1B (H150) pAb.

Purification & Purity

Synthetic peptide KMT1B (H150). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

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

Research Use

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