



PRODUCT DATA SHEET

Bioworld Technology, Inc.

MBD6 polyclonal antibody

Catalog: BS32129

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Methyl-CpG-binding domain protein 6: Non-catalytic component of the polycomb repressive deubiquitinase (PR-DUB) complex, a complex that specifically mediates deubiquitination of histone H2A monoubiquitinated at 'Lys-120' (H2AK119ub1). Important for stability of PR-DUB components and stimulating its ubiquitinase activity. As part of the PR-DUB complex, associates with chromatin enriched in histone marks H3K4me1, H3K4me3, and H3K27Ac, but not in H3K27me3. MBD5 and MBD6 containing complexes associate with distinct chromatin regions enriched in genes involved in different pathways. Heterochromatin recruitment is not mediated by DNA methylation. The PR-DUB complex is an epigenetic regulator of gene expression, including genes involved in development, cell communication, signaling, cell proliferation and cell viability; may promote cancer cell growth.

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~101 kDa

Swiss-Prot:

Q96DN6

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

Storage&Stability:

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

Specificity:

Recognizes endogenous levels of MBD6 protein.

DATA:



Western blot analysis of Trypsin 1 expression in Panc1 (A), HCT116 (B) whole cell lysates.

Note:

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

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