

**PWWP2A polyclonal antibody**

Catalog: BS35623

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

PWWP domain-containing protein 2A: Chromatin-binding protein that acts as an adapter between distinct nucleosome components (H3K36me3 or H2A.Z) and chromatin-modifying complexes, contributing to the regulation of the levels of histone acetylation at actively transcribed genes. Competes with CHD4 and MBD3 for interaction with MTA1 to form a NuRD subcomplex, preventing the formation of full NuRD complex (containing CHD4 and MBD3), leading to recruitment of HDACs to gene promoters resulting in turn in the deacetylation of nearby H3K27 and H2A.Z. Plays a role in facilitating transcriptional elongation and repression of spurious transcription initiation through regulation of histone acetylation (By similarity). Essential for proper mitosis progression

Product:

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

Molecular Weight:

~82.0 kDa

Swiss-Prot:

Q96N64

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000), IHC (1/50 - 1/200)

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 PWWP2A protein

DATA:

Western blot analysis of c-Met (Phospho-Y1349) expression in A431 (A) whole cell lysates.

Note:

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

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