

CHD4 polyclonal antibody

Catalog: BS61392

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

In the intact cell, DNA closely associates with histones and other nuclear proteins to form chromatin. The remodeling of chromatin is believed to be a critical component of transcriptional regulation and a major source of this remodeling is brought about by the acetylation of nucleosomal histones. Acetylation of lysine residues in the amino terminal tail domain of histone results in an allosteric change in the nucleosomal conformation and an increased accessibility to transcription factors by DNA. Conversely, the deacetylation of histones is associated with transcriptional silencing. Chromatin structure alteration may be brought about by the action of ATP-dependent multiprotein complexes. One such complex is the mSin3 corepressor complex, which contains mSin3, the histone deacetylases HDAC1 and HDAC2, the associated proteins SAP 30 and SAP 18, and the autoantigens Mi2- α and Mi2- β .

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.3.

Molecular Weight:

~ 260 kDa

Swiss-Prot:

Q14839

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: 1:500~1:1000

IHC: 1:50~1:200

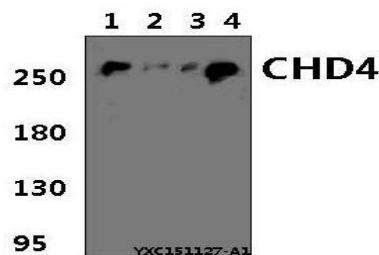
Storage&Stability:

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

Specificity:

CHD4 polyclonal antibody detects endogenous levels of CHD4 protein.

DATA:



Western blot (WB) analysis of CHD4 polyclonal antibody at 1:500 dilution

Lane1:Hela whole cell lysate(40 μ g)

Lane2:NIH-3T3 whole cell lysate(40 μ g)

Lane3:H9C2 whole cell lysate(40 μ g)

Lane4:PC12 whole cell lysate(40 μ g)

Note:

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

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