

CHD5 polyclonal antibody

Catalog: BS60133

Host: Rabbit

Reactivity: Human, Mouse, Rat

Background:

Chromodomain helicase DNA binding protein 5, also known as CHD5, is a member of the SNF2/RAD54 helicase family of chromatin remodeling and DNA-binding proteins (CDH proteins). Heavily expressed in both fetal and adult brain, CHD5 plays a role in nervous system development and acts as a tumor suppressor via the Arf/p53 pathway. CHD5, along with other chromo-domain proteins, forms remodeling complexes, such as NuRD, that promote normal neuroblast maturation and are thought to prevent overexpression of neuronal cells. Errors in these chromatin remodeling complexes can leave the cell in a perpetual state of growth, preventing differentiation and leading to tumor formation. Due to the importance of the CHD proteins in proper brain development, deletions in the gene encoding CHD5 are commonly found in neuroblastomas, suggesting that CHD5 deficiency may lead to malignant cell transformation and metastasis.

Product:

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

Molecular Weight:

~ 230-250 kDa

Swiss-Prot:

Q8TDI0

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-

munogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

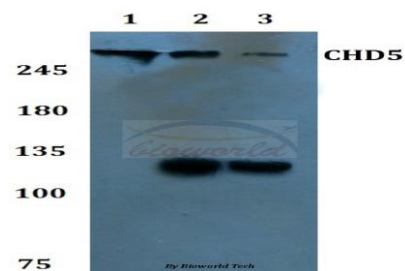
Storage&Stability:

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

Specificity:

CHD5 polyclonal antibody detects endogenous levels of CHD5 protein.

DATA:



Western blot (WB) analysis of CHD5 polyclonal antibody at 1:500 dilution

Lane1:HEK293T whole cell lysate

Lane2:NIH-3T3 whole cell lysate

Lane3:Rat brain tissue lysate

Note:

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

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