

CHD2 polyclonal antibody

Catalog: BS60787

Host: Rabbit

Reactivity: Human

BackGround:

The CHD family of proteins is characterized by the presence of chromo (chromatin organization modifier) domains and SNF2-related helicase/ATPase domains. CHD proteins alter gene expression by modifying chromatin structure, thereby altering access of the transcriptional machinery to its chromosomal DNA template. Chromo-domain helicase DNA binding protein 2, also known as CHD2, is a member of the SNF2/RAD54 helicase family of chromatin remodeling and DNA-binding proteins (CDH proteins). Consisting of 1,828 amino acids, CHD2 is expressed in the nucleus and contains two chromo domains, a helicase ATP-binding domain and a helicase C-terminal domain. CHD2 is suggested to play a critical role in development, hematopoiesis and tumor suppression. Mutations in the gene encoding CHD2 may be the cause of glomerulopathy, proteinuria and significantly impaired kidney function. CHD2 exists as two alternatively spliced isoforms.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.2.

Molecular Weight:

~ 211 kDa

Swiss-Prot:

O14647

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

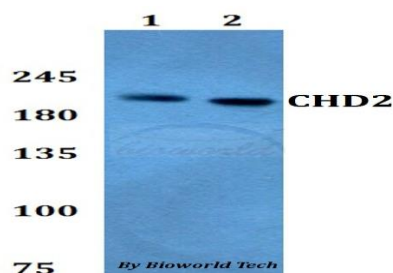
Storage&Stability:

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

Specificity:

CHD2 polyclonal antibody detects endogenous levels of CHD2 protein.

DATA:



Western blot (WB) analysis of CHD2 polyclonal antibody at 1:500 dilution

Lane1: HEK293T whole cell lysate

Lane2: A549 whole cell lysate

Note:

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

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