

## CHD9 polyclonal antibody

Catalog: BS71553

Host: Rabbit

Reactivity: Human, Mouse

### BackGround:

CHD9 (chromodomain-helicase-DNA-binding protein 9), also known as chromatin-related mesenchymal modulator (CReMM), PPAR- $\alpha$ -interacting complex protein, kismet homolog 2 or CHROM1, is a 2,897 amino acid protein belonging to the Snf2/Rad54 helicase family. The CHD family of proteins are ATP-dependent chromatin remodeling enzymes which combine chromodomains with SWI2/Snf2 ATPase/helicase motifs and DNA-binding capability. Localized to the cytoplasm and the nucleus, CHD9 contains two chromodomains, one ATP-binding helicase domain and one C-terminal helicase domain. Chromodomains are protein regions of about 40-50 amino acid residues found in proteins associated with chromatin remodeling and manipulation. The domain is highly conserved among both plants and animals and is found in a large variety of proteins from many genomes. CHD9 acts as a transcriptional coactivator for PPAR $\alpha$  and may also be an ATP-dependent chromatin remodeling protein. CHD9 is widely expressed at low levels and is present as three isoforms produced by alternative splicing.

### Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

### Molecular Weight:

Predicted band size: 326 kDa

Observed band size: Refer to Figures

### Swiss-Prot:

Q3L8U1

### 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 - 1:2000

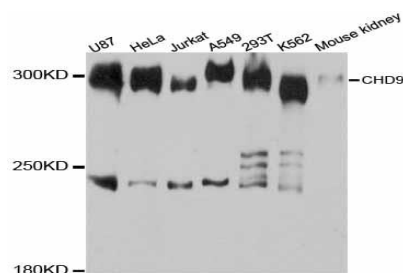
### Storage&Stability:

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

### Specificity:

CHD9 polyclonal antibody detects endogenous levels of CHD9 protein.

### DATA:



Western blot analysis of extracts of various cell lines, using CHD9 antibody.

### Note:

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

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