



# CHD1 Polyclonal Antibody

|                    |                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Catalog No         | BYab-21175                                                                                                                                                                                                                                                                                                                                                       |
| Isotype            | IgG                                                                                                                                                                                                                                                                                                                                                              |
| Reactivity         | Human;Mouse                                                                                                                                                                                                                                                                                                                                                      |
| Applications       | WB;ELISA                                                                                                                                                                                                                                                                                                                                                         |
| Gene Name          | CHD1                                                                                                                                                                                                                                                                                                                                                             |
| Protein Name       | Chromodomain-helicase-DNA-binding protein 1 (CHD-1) (EC 3.6.4.12) (ATP-dependent helicase CHD1)                                                                                                                                                                                                                                                                  |
| Immunogen          | Synthesized peptide derived from human protein . at AA range: 960-1040                                                                                                                                                                                                                                                                                           |
| Specificity        | CHD1 Polyclonal Antibody detects endogenous levels of protein.                                                                                                                                                                                                                                                                                                   |
| Formulation        | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                   |
| Source             | Polyclonal, Rabbit,IgG                                                                                                                                                                                                                                                                                                                                           |
| Purification       | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                                                            |
| Dilution           | WB 1:500-2000 ELISA 1:5000-20000                                                                                                                                                                                                                                                                                                                                 |
| Concentration      | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                          |
| Purity             | ≥90%                                                                                                                                                                                                                                                                                                                                                             |
| Storage Stability  | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                     |
| Synonyms           |                                                                                                                                                                                                                                                                                                                                                                  |
| Observed Band      | 188kD                                                                                                                                                                                                                                                                                                                                                            |
| Cell Pathway       | Nucleus . Cytoplasm . Is released into the cytoplasm when cells enter mitosis and is reincorporated into chromatin during telophase-cytokinesis. .                                                                                                                                                                                                               |
| Tissue Specificity | Expressed in many tissues including in the brain, where the highest level of expression is found in the cerebellum and basal ganglia.                                                                                                                                                                                                                            |
| Function           | function:Sequence-selective DNA-binding protein. Could play an important role in gene regulation.,similarity:Belongs to the SNF2/RAD54 helicase family.,similarity:Contains 1 helicase ATP-binding domain.,similarity:Contains 1 helicase C-terminal domain.,similarity:Contains 2 chromo domains.,                                                              |
| Background         | The CHD family of proteins is characterized by the presence of chromo (chromatin organization modifier) domains and SNF2-related helicase/ATPase domains. CHD genes alter gene expression possibly by modification of chromatin structure thus altering access of the transcriptional apparatus to its chromosomal DNA template. [provided by RefSeq, Jul 2008], |

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**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**

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