



## Rabbit Anti-CHD4 antibody

SL13893R

<b>Product Name:</b>	CHD4
<b>Chinese Name:</b>	染色质解旋酶DNABinding proteinMi2 $\beta$ 抗体
<b>Alias:</b>	ATP dependent helicase CHD4; ATP-dependent helicase CHD4; CHD 4; CHD-4; CHD4; CHD4_HUMAN; Chromodomain helicase DNA binding protein 4; Chromodomain-helicase-DNA-binding protein 4; Mi 2 autoantigen 218 kDa protein; Mi 2b; Mi-2 autoantigen 218 kDa protein; Mi2 beta; Mi2-beta.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	218kDa
<b>Cellular localization:</b>	The nucleuscytoplasmic
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human CHD4:21-120/1912
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	The product of this gene belongs to the SNF2/RAD54 helicase family. It represents the main component of the nucleosome remodeling and deacetylase complex and plays an important role in epigenetic transcriptional repression. Patients with dermatomyositis develop antibodies against this protein. [provided by RefSeq, Jul 2008]

**Function:**

Component of the histone deacetylase NuRD complex which participates in the remodeling of chromatin by deacetylating histones.

**Subcellular Location:**

Nucleus. Cytoplasm > cytoskeleton > centrosome. Associates with centrosomes in interphase.

**Post-translational modifications:**

Phosphorylated upon DNA damage, probably by ATM or ATR.

**Similarity:**

Belongs to the SNF2/RAD54 helicase family.

Contains 2 chromo domains.

Contains 1 helicase ATP-binding domain.

Contains 1 helicase C-terminal domain.

Contains 2 PHD-type zinc fingers.

**SWISS:**

Q14839

**Gene ID:**

1108

**Database links:**

[Entrez Gene: 1108](#) Human

[Entrez Gene: 107932](#) Mouse

[Omim: 603277](#) Human

[SwissProt: Q14839](#) Human

[SwissProt: Q6PDQ2](#) Mouse

[Unigene: 162233](#) Human

[Unigene: 333388](#) Mouse

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

