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## anti-CHD4 antibody (N-Term)



Target:

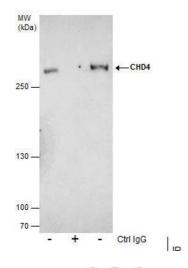


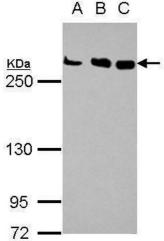
Overview	
Quantity:	100 μL
Target:	CHD4
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CHD4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunoprecipitation (IP), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)
Product Details	
Immunogen:	Recombinant protein encompassing a sequence within the N-terminus region of human CHD4.  The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Rabbit Polyclonal antibody to CHD4 (chromodomain helicase DNA binding protein 4) CHD4 antibody
Purification:	Purified by antigen-affinity chromatography.
Target Details	

CHD4

### **Target Details**

Alternative Name:	chromodomain helicase DNA binding protein 4 (CHD4 Products)
Background:	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.
	Cellular Localization: Nucleus
Molecular Weight:	218 kDa
Gene ID:	1108
UniProt:	Q14839
Application Details	
Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IP: 1:100-1:500. Optimal dilutions/concentrations
	should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: Jurkat , Raji , K562
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1.48 mg/mL
Buffer:	1XPBS pH 7, 20 % Glycerol, 0.025 % ProClin 300
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be
	handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage
	(1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid
	multiple freeze-thaw cycles.







#### **Immunoprecipitation**

**Image 1.** IP Image Immunoprecipitation of CHD4 protein from 293T whole cell extracts using 5 µg of CHD4 antibody, Western blot analysis was performed using CHD4 antibody, EasyBlot anti-Rabbit IgG was used as a secondary reagent.

#### **Western Blotting**

Image 2. WB Image Sample (30 ug of whole cell lysate) A: Jurkat B: Raji C: K562 5% SDS PAGE antibody diluted at 1:1000

#### Immunofluorescence

**Image 3.** ICC/IF Image Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using CHD4, antibody at 1:500 dilution.