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Datasheet for ABIN7465237 **anti-CHD5 antibody**

Overview

Quantity:	100 µL
Target:	CHD5
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CHD5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human CHD5. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	CHD5
Alternative Name:	chromodomain helicase DNA binding protein 5 (CHD5 Products)
Background:	Chromodomain helicase DNA binding protein 5 , CHD-5, Changes in gene expression are associated with changes in chromatin structure, which can result from modification of histones by acetylation and methylation. In addition, SWI/SNF proteins can effect chromatin structure

Target Details

and gene expression by causing ATP-dependent disruption of the nucleosome and by enhancing binding of transcription factors. CHD5 belongs to a group of SWI/SNF proteins called CHD proteins, which contain a SWI/SNF-like helicase/ATPase domain, as well as a DNA-binding domain and a chromodomain that directly modifies chromatin structure (Thompson et al., 2003 [PubMed 12592387]).[supplied by OMIM]

Molecular Weight: 223 kDa

Gene ID: 26038

UniProt: [Q8TDI0](#)

Application Details

Application Notes: WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher.
Not tested in other applications.

Comment: Positive Control: 293T , A431 , HeLa , HepG2 , U87-MG , SK-N-SH , IMR32 , SK-N-AS

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.88 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.