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Rabbit Anti-CHD3/APC Conjugated antibody

SL8162R-APC

Product Name	Anti-CHD3/APC
Chinese Name	APC 标记的 ATP 依赖的解旋酶 CHD3 抗体
Alias	Prp9 1; ATP dependent helicase CHD3; ATP-dependent helicase Chd3; CHD-3; Chd3; CHD3_HUMAN; Chd7; Chromodomain-helicase-DNA-binding protein 3; hZFH; MGC40857; Mi 2 autoantigen 240 kDa protein; Mi 2a; Mi-2 autoantigen 240 kDa protein; Mi2 ALPHA; Mi2-alpha; Prp7; ZFH; Zinc finger helicase.
Research Area	Cell biology immunology Chromatin and nuclear signals Epigenetics
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Rat(predicted:Human,Mouse,Pig,Cow,Rabbit,Sheep)
Applications	IF=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	226kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human CHD3
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	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 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Product Detail	**background:** Component of the histone deacetylase NuRD complex which participates in the remodeling of chromatin by deacetylating histones. Required for anchoring centrosomal pericentrin in both interphase and mitosis, for spindle organization and centrosome integrity.

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Function:
Component of the histone deacetylase NuRD complex whichparticipates in the remodeling of chromatin by deacetylatinghistones. Required for anchoring centrosomal pericentrin in bothinterphase and mitosis, for spindle organization and centrosomeintegrity.

Subunit:
Central component of the nucleosome remodeling andhistone deacetylase (NuRD) repressive complex. Interacts withTRIM28 and SERBP1. Interacts (via its C-terminal) with HABP4.Interacts with PCNT; the interaction regulates centrosomeintegrity.

Subcellular Location:
Nucleus. Cytoplasm, cytoskeleton,centrosome. Note=Associates with centrosomes in interphase andmitosis.

Similarity:
Belongs to the SNF2/RAD54 helicase family.
Contains 2 chromo domains.
Contains 1 helicase ATP-binding domain.
Contains 1 helicase C-terminal domain. [SIMILARITY] Contains 2 PHD-type zinc fingers.

Database links:
UniProtKB/Swiss-Prot: Q12873.3

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