

CHD3 Antibody (N-Term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21796a**Specification**

CHD3 Antibody (N-Term) - Product Information

Application	WB,E
Primary Accession	Q12873
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	226592

CHD3 Antibody (N-Term) - Additional Information**Gene ID** 1107**Other Names**

Chromodomain-helicase-DNA-binding protein 3, CHD-3, ATP-dependent helicase CHD3, Mi-2 autoantigen 240 kDa protein, Mi2-alpha, Zinc finger helicase, hZFH, CHD3

Target/Specificity

This CHD3 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 595-629 amino acids from human CHD3.

Dilution

WB~~1:1000-1:2000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

CHD3 Antibody (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

CHD3 Antibody (N-Term) - Protein Information**Name** CHD3

Function ATP-dependent chromatin-remodeling factor that binds and distorts nucleosomal DNA (PubMed:[28977666](#)). Acts as a component of the histone deacetylase NuRD complex which

participates in the remodeling of chromatin (PubMed:[16428440](#), PubMed:[28977666](#), PubMed:[30397230](#), PubMed:[9804427](#)). Involved in transcriptional repression as part of the NuRD complex (PubMed:[27068747](#)). Required for anchoring centrosomal pericentrin in both interphase and mitosis, for spindle organization and centrosome integrity (PubMed:[17626165](#)).

Cellular Location

Nucleus, PML body. Nucleus. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome
Note=Associates with centrosomes in interphase and mitosis (PubMed:17626165). Localizes to sites of DNA damage (PubMed:28977666)

Tissue Location

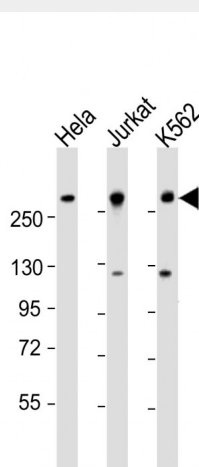
Widely expressed.

CHD3 Antibody (N-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CHD3 Antibody (N-Term) - Images



All lanes : Anti-CHD3 Antibody (N-Term) at 1:1000-1:2000 dilution Lane 1: HeLa whole cell lysate Lane 2: Jurkat whole cell lysate Lane 3: K562 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 227 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

CHD3 Antibody (N-Term) - 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.

CHD3 Antibody (N-Term) - References

Aubry F.,et al.Eur. J. Biochem. 254:558-564(1998).
Zody M.C.,et al.Nature 440:1045-1049(2006).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Woodage T.,et al.Proc. Natl. Acad. Sci. U.S.A. 94:11472-11477(1997).
Ge Q.,et al.J. Clin. Invest. 96:1730-1737(1995).