

Rabbit anti-Human CHD5 Polyclonal Antibody | anti-CHD5 antibody

Anti-CHD5 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA256857	Rabbit	Human	Immunofluorescence, Immunocytochemistry, Immunohistochemistry

PRODUCT SYNONYMS

CHD5; Polyclonal Antibody; Anti-CHD5 Antibody; Rabbit Polyclonal; CHD5 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-CHD-5 Antibody; Anti-RP1-233K16.2 Antibody; anti-CHD5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human CHD5
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-CHD5 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human CHD5 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human CHD5 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of CHD5 in PC3 cells. Cells were fixed with 4% PFA, permeabilized with 0.1% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human CHD5 polyclonal antibody (dilution ratio 1:200) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green). Positive staining was localized to Nucleus and Cytoplasm.



IHC (Immunohistochemistry)

Immunochemical staining of human CHD5 in cynomolgus cerebellum with rabbit polyclonal antibody at 1:500 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-CHD5 antibody	Chromodomain helicase DNA binding protein 5 (CHD5) is a member of CHD protein family which acts in chromatin organization, regulation of transcription and also genomic stability and cancer prevention. CHD5 functions by forming a nucleosome remodeling and deacetylation (NuRD) complex that regulates the transcription of particular genes. CHD5 is preferentially expressed in the nervous system and testis. CHD5 acts as a tumor suppressor n gliomas and a variety of other tumor types, including breast, colon, lung, ovary, and prostate cancers. CHD5 may serve as an independent prognostic biomarker for colorectal patients.
References	Zhou Y, et al. (2018) Expression of chd5 may serve as an independent biomarker of prognosis in colorectal cancer via immunohistochemical staining. Int J Clin Exp Pathol 11 (5): 2792-2798.Xiao Q, et al. (2018) A rare chd5 haplotype and its interactions with environmental factors predicting hepatocellular carcinoma risk. BMC Cancer 18 (1): 658.Kolla V, et al. (2014) Role of chd5 in human cancers: 10 years later. Cancer Res 74 (3): 652-658.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/chd5-antibody-immunofluorescence-immunocytochemistry-immunohistochemistry-elisa/256857>