

Rabbit anti-Human RMND5B Polyclonal Antibody | anti-RMND5B antibody

Anti-RMND5B Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA256327	Rabbit	Human	Immunofluorescence, Immunocytochemistry, Immunohistochemistry

PRODUCT SYNONYMS

RMND5B; Polyclonal Antibody; Anti-RMND5B Antibody; Rabbit Polyclonal; RMND5B Antibody; Rabbit PAb; Antigen Affinity Purified; required for meiotic nuclear division 5 homolog B (*S. cerevisiae*); Anti-GID2 Antibody; Anti-GID2B Antibody; anti-RMND5B antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human RMND5B
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-RMND5B antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human RMND5B fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human RMND5B 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 RMND5B in HeLa 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 RMND5B 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 RMND5B in human rectum with rabbit polyclonal antibody at 1:200 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human RMND5B in human kidney with rabbit polyclonal antibody at 1:200 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-RMND5B antibody	RMND5B (Required For Meiotic Nuclear Division 5 Homolog B) is a Protein Coding gene. The RMND5B gene, located on 5q35.3, is conserved in chimpanzee, Rhesus monkey, dog, cow, mouse, rat, zebrafish, and C.elegans. An important paralog of this gene is RMND5A. RMND5B is a core component of the CTLH E3 ubiquitin-protein ligase complex that selectively accepts ubiquitin from UBE2H and mediates ubiquitination and subsequent proteasomal degradation of the transcription factor HBP1. RMND5B is widely expressed in the testis, esophagus, and other tissues. Diseases associated with RMND5B include Dyskeratosis Congenita, Autosomal Recessive 2, and Dyskeratosis Congenita, Autosomal Recessive 1. 158 organisms have orthologs with human gene RMND5B.
References	van Wijk SJ, et al. (2009) A comprehensive framework of e2-ring e3 interactions of the human ubiquitin-proteasome system. Mol Syst Biol 5 295. Pfirrmann T, et al. (2015) Rmnd5 from xenopus laevis is an e3 ubiquitin-ligase and functions in early embryonic forebrain development. PLoS One 10 (3): e0120342. Lampert F, et al. (2018) The multi-subunit gid/ctlh e3 ubiquitin ligase promotes cell proliferation and targets the transcription factor hbp1 for degradation. Elife 7: e35528.

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/rmnd5b-antibody-immunofluorescence-immunocytochemistry-immunohistochemistry-elisa/256327>