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RMND5B Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP2798b

Product Information

Application	WB, IHC-P, E
Primary Accession	Q96G75
Other Accession	Q91YQ7
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB17322
Calculated MW	44414
Antigen Region	347-375

Additional Information

Gene ID	64777
Other Names	Protein RMD5 homolog B, RMND5B
Target/Specificity	This RMND5B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 347-375 amino acids from the C-terminal region of human RMND5B.
Dilution	WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
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	RMND5B Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	RMND5B
Function	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. MAEA

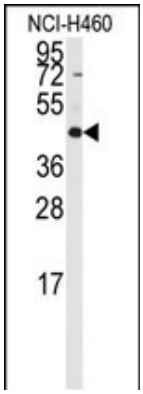
and RMND5A are both required for catalytic activity of the CTLH E3 ubiquitin-protein ligase complex (PubMed:29911972). Catalytic activity of the complex is required for normal cell proliferation (PubMed:29911972). The CTLH E3 ubiquitin- protein ligase complex is not required for the degradation of enzymes involved in gluconeogenesis, such as FBP1 (PubMed:29911972).

Cellular Location Cytoplasm, cytosol.

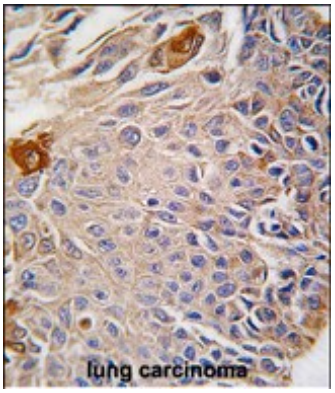
References

Pope,S.N., J. Steroid Biochem. Mol. Biol. 94 (1-3), 203-208 (2005) Colland,F., Genome Res. 14 (7), 1324-1332 (2004)

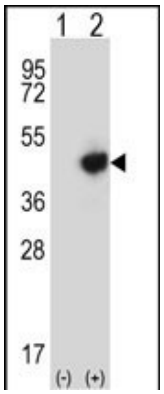
Images



Western blot analysis of anti-RMND5B Antibody (C-term)(Cat.#AP2798b) in NCI-H460 cell line lysates (35ug/lane). RMND5B(arrow) was detected using the purified Pab.



Formalin-fixed and paraffin-embedded human lung carcinoma reacted with RMND5B antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



Western blot analysis of RMND5B (arrow) using rabbit polyclonal RMND5B Antibody (C-term) (Cat.#AP2798b). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the RMND5B gene.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.