

COMMD9 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP17500b

Product Information

Application WB, E **Primary Accession Q9P000 Other Accession** NP 054905.2 Reactivity Human Host Rabbit Clonality Polyclonal Isotype Rabbit IgG **Clone Names** RB37572 **Calculated MW** 21819 147-176 **Antigen Region**

Additional Information

Gene ID 29099

Other Names COMM domain-containing protein 9, COMMD9

Target/Specificity This COMMD9 antibody is generated from rabbits immunized with a KLH

conjugated synthetic peptide between 147-176 amino acids from the

C-terminal region of human COMMD9.

Dilution WB~~1:1000 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 COMMD9 Antibody (C-term) is for research use only and not for use in

diagnostic or therapeutic procedures.

Protein Information

Name COMMD9

Function Scaffold protein in the commander complex that is essential for endosomal

recycling of transmembrane cargos; the commander complex is composed of the CCC subcomplex and the retriever subcomplex (PubMed:37172566, PubMed:38459129). May modulate activity of cullin- RING E3 ubiquitin ligase

(CRL) complexes (PubMed:<u>21778237</u>). May down- regulate activation of NF-kappa-B (PubMed:<u>15799966</u>). Modulates Na(+) transport in epithelial cells by regulation of apical cell surface expression of amiloride-sensitive sodium channel (ENaC) subunits (PubMed:<u>23637203</u>).

Cellular Location Nucleus. Cytoplasmic vesicle

Tissue Location Ubiquitous...

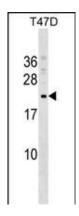
Background

The function of this protein remains unknown.

References

Burstein, E., et al. J. Biol. Chem. 280(23):22222-22232(2005)

Images



COMMD9 Antibody (C-term) (Cat. #AP17500b) western blot analysis in T47D cell line lysates (35ug/lane). This demonstrates the COMMD9 antibody detected the COMMD9 protein (arrow).

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