

**COMMD3 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP8640c****Specification**

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**COMMD3 Antibody (Center) Blocking Peptide - Product Information**Primary Accession [Q9UBI1](#)**COMMD3 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 23412**Other Names**

COMM domain-containing protein 3, Protein Bup, Protein PIL, COMMD3, BUP, C10orf8

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP8640c](/products/AP8640c) was selected from the Center region of human COMMD3. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**COMMD3 Antibody (Center) Blocking Peptide - Protein Information****Name** COMMD3**Synonyms** BUP, C10orf8**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](http://www.uniprot.org/citations/37172566), PubMed: [38459129](http://www.uniprot.org/citations/38459129)). May modulate activity of cullin- RING E3 ubiquitin ligase (CRL) complexes (PubMed: [21778237](http://www.uniprot.org/citations/21778237)). May down- regulate activation of NF-kappa-B (PubMed: [15799966](http://www.uniprot.org/citations/15799966)). Modulates Na(+) transport in epithelial cells by regulation of apical cell surface expression of amiloride-sensitive sodium channel (ENaC) subunits (PubMed: [15799966](#)).

href="http://www.uniprot.org/citations/23637203" target="\_blank">23637203</a>).

**Cellular Location**

Cytoplasm. Nucleus

**Tissue Location**

Widely expressed with highest expression in thymus.

**COMMD3 Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**COMMD3 Antibody (Center) Blocking Peptide - Images****COMMD3 Antibody (Center) Blocking Peptide - Background**

COMMD proteins, a novel family of structural and functional homologs of MURR1.

**COMMD3 Antibody (Center) Blocking Peptide - References**

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