

**DNMBP Antibody (C-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP5848b****Specification**

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**DNMBP Antibody (C-term) Blocking peptide - Product Information**

Primary Accession [O6XZF7](#)  
Other Accession [NP\\_056036.1](#)

**DNMBP Antibody (C-term) Blocking peptide - Additional Information**

**Gene ID** 23268

**Other Names**

Dynamin-binding protein, Scaffold protein Tuba, DNMBP, KIAA1010

**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.

**DNMBP Antibody (C-term) Blocking peptide - Protein Information**

**Name** DNMBP ([HGNC:30373](#))

**Function**

Plays a critical role as a guanine nucleotide exchange factor (GEF) for CDC42 in several intracellular processes associated with the actin and microtubule cytoskeleton. Regulates the structure of apical junctions through F-actin organization in epithelial cells (PubMed:<a href="http://www.uniprot.org/citations/19767742" target="\_blank">19767742</a>, PubMed:<a href="http://www.uniprot.org/citations/17015620" target="\_blank">17015620</a>). Participates in the normal lumenogenesis of epithelial cell cysts by regulating spindle orientation (PubMed:<a href="http://www.uniprot.org/citations/20479467" target="\_blank">20479467</a>). Plays a role in ciliogenesis (By similarity). May play a role in membrane trafficking between the cell surface and the Golgi (By similarity).

**Cellular Location**

Cytoplasm. Golgi apparatus, Golgi stack {ECO:0000250|UniProtKB:Q6TXD4}. Cytoplasm, cytoskeleton {ECO:0000250|UniProtKB:Q6TXD4}. Synapse {ECO:0000250|UniProtKB:M0R4F8}. Cell junction. Note=Localizes to the apical junction, colocalizes with TJP1.

**Tissue Location**

Detected in heart, brain, lung, liver, skeletal muscle, kidney and pancreas.

**DNMBP Antibody (C-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**DNMBP Antibody (C-term) Blocking peptide - Images**