

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

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:19767742, PubMed:17015620). Participates in the normal lumenogenesis of epithelial cell cysts by regulating spindle orientation (PubMed:20479467). 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