

CHORDC1 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP8606c**Specification**

CHORDC1 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [Q9UHD1](#)**CHORDC1 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 26973**Other Names**

Cysteine and histidine-rich domain-containing protein 1, CHORD domain-containing protein 1, CHORD-containing protein 1, CHP-1, Protein morgana, CHORDC1, CHP1

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP8606c](/products/AP8606c) was selected from the Center region of human CHORDC1. 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.

CHORDC1 Antibody (Center) Blocking Peptide - Protein Information**Name** CHORDC1**Synonyms** CHP1**Function**

Regulates centrosome duplication, probably by inhibiting the kinase activity of ROCK2 (PubMed: [20230755](http://www.uniprot.org/citations/20230755)). Proposed to act as co-chaperone for HSP90 (PubMed: [20230755](http://www.uniprot.org/citations/20230755)). May play a role in the regulation of NOD1 via a HSP90 chaperone complex (PubMed: [20230755](http://www.uniprot.org/citations/20230755)). In vitro, has intrinsic chaperone activity (PubMed: [20230755](http://www.uniprot.org/citations/20230755)). This function may be achieved by inhibiting association of ROCK2 with NPM1 (PubMed: [20230755](http://www.uniprot.org/citations/20230755)). Plays a role

in ensuring the localization of the tyrosine kinase receptor EGFR to the plasma membrane, and thus ensures the subsequent regulation of EGFR activity and EGF-induced actin cytoskeleton remodeling (PubMed:32053105). Involved in stress response (PubMed:20230755). Prevents tumorigenesis (PubMed:20230755).

Tissue Location

Underexpressed in many breast and lung cancers.

CHORDC1 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

CHORDC1 Antibody (Center) Blocking Peptide - Images**CHORDC1 Antibody (Center) Blocking Peptide - Background**

CHORDC1 may be play a role in the regulation of NOD1 via its interaction with HSP90AA1.

CHORDC1 Antibody (Center) Blocking Peptide - References

Shirasu,K., et.al., Cell 99 (4), 355-366 (1999)