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CHORDC1 Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP8606c

Specification

CHORDC1 Antibody (Center) Blocking Peptide - Product Information

Primary Accession O9UHD1

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 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

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)

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Name CHORDC1

Synonyms CHP1

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