

CHORDC1 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19911c**Specification**

CHORDC1 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	O9UHD1
Other Accession	NP_036256.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	37490
Antigen Region	127-156

CHORDC1 Antibody (Center) - 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

This CHORDC1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 127-156 amino acids from the Central region of human CHORDC1.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

CHORDC1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

CHORDC1 Antibody (Center) - Protein Information**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

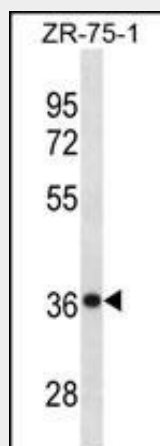
Underexpressed in many breast and lung cancers.

CHORDC1 Antibody (Center) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CHORDC1 Antibody (Center) - Images



CHORDC1 Antibody (Center) (Cat. #AP19911c) western blot analysis in ZR-75-1 cell line lysates (35ug/lane). This demonstrates the CHORDC1 antibody detected the CHORDC1 protein (arrow).

CHORDC1 Antibody (Center) - Background

CHORDC1 may play a role in the regulation of NOD1 via its interaction with HSP90AA1 (By similarity).

CHORDC1 Antibody (Center) - References

Gano, J.J., et al. Mol. Cell Proteomics 9(2):255-270(2010)

Lamesch, P., et al. Genomics 89(3):307-315(2007)
Wu, J., et al. FEBS Lett. 579(2):421-426(2005)
Brancaccio, M., et al. FEBS Lett. 551 (1-3), 47-52 (2003) :
Shirasu, K., et al. Cell 99(4):355-366(1999)