

CHORDC1 / CHP1 Antibody (N-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS13549**Specification**

CHORDC1 / CHP1 Antibody (N-Terminus) - Product Information

Application	ICC, IF, WB, IHC
Primary Accession	O9UHD1
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	37kDa KDa

CHORDC1 / CHP1 Antibody (N-Terminus) - 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

Human CHORDC1

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions

CHORDC1 / CHP1 Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

CHORDC1 / CHP1 Antibody (N-Terminus) - 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).

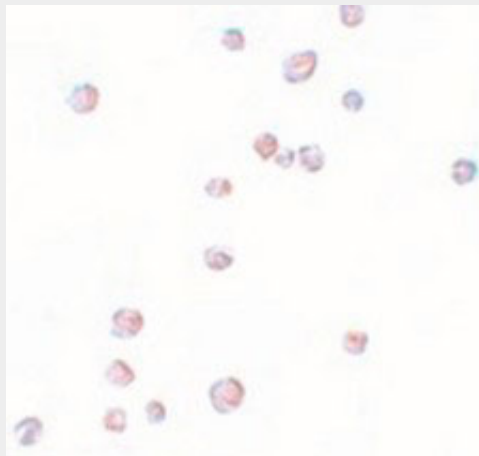
Tissue Location

Underexpressed in many breast and lung cancers.

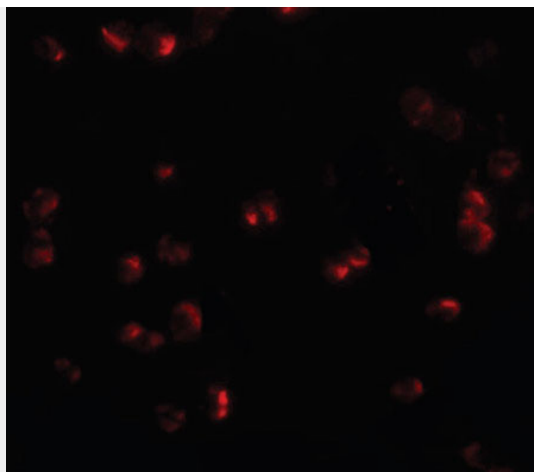
CHORDC1 / CHP1 Antibody (N-Terminus) - Protocols

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

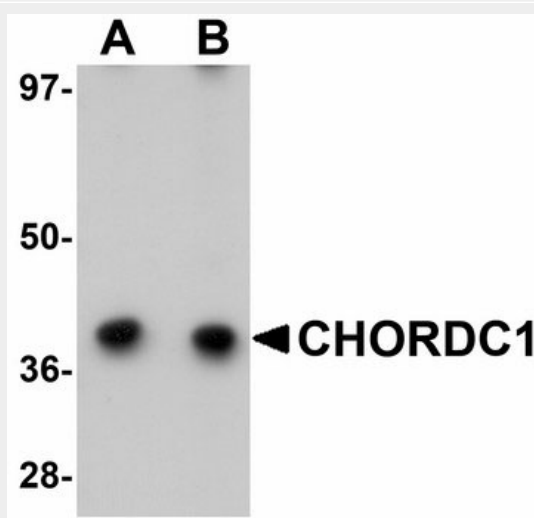
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CHORDC1 / CHP1 Antibody (N-Terminus) - Images

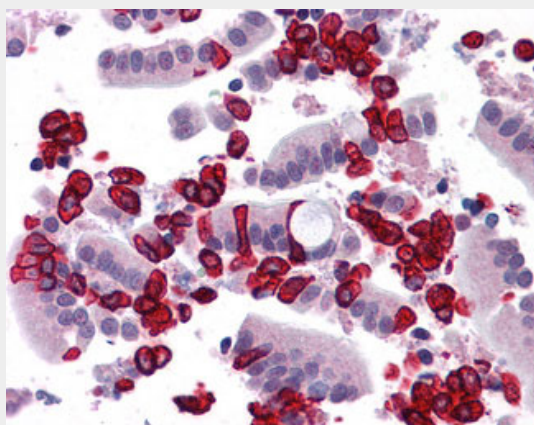
Immunocytochemistry of CHORDC1 in 293 cells with CHORDC1 antibody at 2.5 ug/ml.



Immunofluorescence of CHORDC1 in 293 cells with CHORDC1 antibody at 20 ug/ml.



Western blot of CHORDC1 in 293 cell lysate with CHORDC1 antibody at (A) 1 and (B) 2 ug/ml.



Anti-CHORDC1 antibody IHC of human small intestine.

CHORDC1 / CHP1 Antibody (N-Terminus) - Background

Regulates centrosome duplication, probably by inhibiting the kinase activity of ROCK2. Proposed to act as co-chaperone for HSP90. May play a role in the regulation of NOD1 via a HSP90 chaperone complex. In vitro, has intrinsic chaperone activity. This function may be achieved by inhibiting association of ROCK2 with NPM1. Involved in stress response. Prevents tumorigenesis.

CHORDC1 / CHP1 Antibody (N-Terminus) - References

Shirasu K.,et al.Cell 99:355-366(1999).
Zhao Y.,et al.Submitted (JAN-1999) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Taylor T.D.,et al.Nature 440:497-500(2006).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.