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Rabbit Anti-CHORDC1 antibody

SL6409R

Product Name:	CHORDC1
Chinese Name:	含半胱氨酸和组氨酸丰富域蛋白1抗体
Alias:	CHORD containing protein 1; Chord domain containing protein 1; CHORD domain-containing protein 1; CHORD-containing protein 1; CHORDC1; CHP-1; CHP1; CHRD1_HUMAN; Cysteine and histidine rich domain (CHORD) containing 1; Cysteine and histidine rich domain (CHORD) containing, zinc binding protein 1; Cysteine and histidine rich domain containing 1; Cysteine and histidine rich domain containing zinc binding protein 1; Cysteine and histidine-rich domain-containing protein 1; FLJ37289; Protein morgana.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,Rabbit,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	37kDa
Cellular localization:	The nucleuscytoplasmicExtracellular matrixSecretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human CHORDC1:301-395/395
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	Human CHP1 and the C. elegans homolog Chp are CHORD domain-containing proteins

	that are largely related, and their corresponding genes are evolutionarily conserved among various eukaryotic organisms (1,2). The unique CHORD domain is characterized as 60 amino acids in length, and contains six highly conserved cysteine residues, two histidine residues and a distinct Zn2+-binding domain (3). CHP1 and the other metazoan orthologs have tandem CHORD domains that are located at both the N- and C- termini (1,4). These proteins are implicated in germline development and embryogenesis as mutations affecting the CHORD domain of the nematode protein Chp result in semisterility and embryonic lethality (1,5). **Function:** 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. **Subunit:** InteractswithHSP90AA1,ROCK1andROCK2.InteractswithHSP90AB1andPPP5C **Tissue Specificity:** Underexpressedinmanybreastandlungcancers. **Similarity:** Contains2CHORDdomains. Contains1CSdomain. **SWISS:** Q9UHD1 **Gene ID:** 26973 **Database links:** Entrez Gene: 26973 Human Entrez Gene: 66917 Mouse Entrez Gene: 315447 Rat Omim: 604353 Human SwissProt: Q9UHD1 Human SwissProt: Q9D1P4 Mouse

	SwissProt: D4A4T9 Rat Unigene: 22857 Human Unigene: 479183 Mouse Unigene: 6136 Rat **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.