

**CHRD Antibody (C-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP1416b**

**Specification**

**CHRD Antibody (C-term) - Product Information**

Application	IHC-P, WB,E
Primary Accession	<a href="#">Q9H2X0</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	102032
Antigen Region	926-955

**CHRD Antibody (C-term) - Additional Information**

**Gene ID** 8646

**Other Names**

Chordin, CHRD

**Target/Specificity**

This CHRD antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 926-955 amino acids from the C-terminal region of human CHRD.

**Dilution**

IHC-P~~1:10~50

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**

CHRD Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**CHRD Antibody (C-term) - Protein Information**

**Name** CHRD

**Function** Dorsalizing factor. Key developmental protein that dorsalizes early vertebrate

embryonic tissues by binding to ventralizing TGF-beta family bone morphogenetic proteins (BMPs) and sequestering them in latent complexes (By similarity).

**Cellular Location**

Secreted.

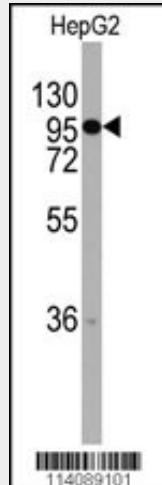
**Tissue Location**

Expressed at the highest level in liver.

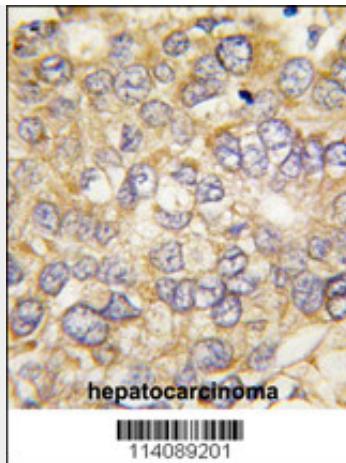
**CHRD Antibody (C-term) - Protocols**

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](#)

**CHRD Antibody (C-term) - Images**

Western blot analysis of anti-CHRD Antibody (C-term) (RB14089) in HepG2 cell line lysates (35ug/lane). CHRD(arrow) was detected using the purified Pab.



Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with CHRD antibody (C-term) (Cat.#AP1416b), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

#### **CHRD Antibody (C-term) - Background**

CHRD is a secreted protein that dorsalizes early vertebrate embryonic tissues by binding to ventralizing TGF-beta-like bone morphogenetic proteins and sequestering them in latent complexes. This protein may also have roles in organogenesis and during adulthood.

#### **CHRD Antibody (C-term) - References**

Lim,J., Cell 125 (4), 801-814 (2006)  
Moll,F., FASEB J. 20 (2), 240-250 (2006)