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**Product Name: Chordin Rabbit Polyclonal Antibody****Catalog #: APRab08776**

For research use only.

**Summary**

<b>Description</b>	Rabbit polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	IHC,ICC/IF,ELISA
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

**Application**

**Dilution Ratio** IHC 1:50-1:200,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000

**Molecular Weight**

**Antigen Information**

**Gene Name** CHR1 UNQ217/PRO243

**Alternative Names** Chordin

**Gene ID** 8646.0

**SwissProt ID** Q9H2X0

**Immunogen** The antiserum was produced against synthesized peptide derived from the C-terminal region of human CHR1. AA range:905-954

**Background**

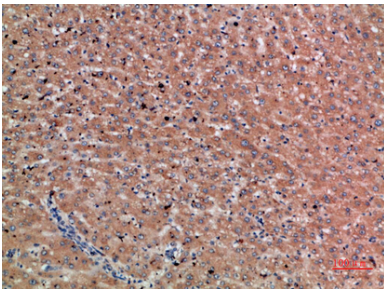
This gene encodes a secreted protein that dorsalizes early vertebrate embryonic tissues by binding to ventralizing TGF-beta-

like bone morphogenetic proteins and sequestering them in latent complexes. The encoded protein may also have roles in organogenesis and during adulthood. It has been suggested that this gene could be a candidate gene for Cornelia de Lange syndrome. Reduced expression of this gene results in enhanced bone regeneration. Alternative splicing results in multiple transcript variants. Other alternative splice variants have been described but their full length sequence has not been determined. [provided by RefSeq, Jan 2015],alternative products:Experimental confirmation may be lacking for some isoforms,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.,PTM:Cleaved by tolloid proteases; cleavage participates to dorsoventral patterning during early development.,similarity:Belongs to the chordin family.,similarity:Contains 4 CHRD domains.,similarity:Contains 4 VWFC domains.,subunit:Interacts with TWSG1 and/or BMP4.,tissue specificity:Expressed at the highest level in liver.,

## Research Area

TGF-beta;

## Image Data



Immunohistochemical analysis of paraffin-embedded human-liver-cancer, antibody was diluted at 1:200