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CHRD Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP1416a

Specification

CHRD Antibody (N-term) Blocking Peptide - Product Information

Primary Accession Q9H2X0

CHRD Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 8646

Other Names
Chordin, CHRD

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP1416a was selected from the N-term region of human CHRD. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

CHRD Antibody (N-term) Blocking Peptide - 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.

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CHRD Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

CHRD Antibody (N-term) Blocking Peptide - Images

CHRD Antibody (N-term) Blocking Peptide - 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 (N-term) Blocking Peptide - References

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