

**CHRD Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP16028c****Specification**

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**CHRD Antibody (Center) Blocking Peptide - Product Information**

Primary Accession [Q9H2X0](#)

**CHRD Antibody (Center) Blocking Peptide - Additional Information**

**Gene ID** 8646

**Other Names**  
Chordin, CHRD

**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 (Center) 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.

**CHRD Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**CHRD Antibody (Center) Blocking Peptide - Images**

**CHRD Antibody (Center) Blocking Peptide - 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. Multiple transcript variants encoding distinct isoforms have been identified for this gene. Other alternative splice variants have been described but their full length sequence has not been determined.

**CHRD Antibody (Center) Blocking Peptide - References**

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Yerges, L.M., et al. J. Bone Miner. Res. 24(12):2039-2049(2009) Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009) Kwong, F.N., et al. J. Orthop. Res. 27(6):752-757(2009) Kwong, F.N., et al. Int Orthop 33(1):281-288(2009)