003216589045 (EU)
0203393 8531 (UK)
(408)780-0908 (US)
info@gentaur.com
www.caslab.com

CHRDL2 Polyclonal Antibody

Cat #: G-AB-01642

Host: Rabbit **Reactivity:** Human

Isotype: IgG **Clonality:** Polyclonal

Overview:
CHRDL2 (chordin-related protein 2), also known as BNF1 (breast tumor novel factor 1) or CHL2 (chordin-like 2), is a 429 amino acid protein that belongs to the chordin family of proteins. CHRDL2 contains three VWFC (von Willebrand Factor type C) domains and is predominantly expressed in uterus and moderately expressed in prostate, liver, ovary, heart and testis. Due to alternative splicing events, CHRDL2 exists as five isoforms, namely isoform I, isoform II, isoform VII, isoform VIII and isoform IX. Two of these isoforms are secreted, while the other three localize to the cytoplasm. Functioning as a BMP-binding inhibitor, CHRDL2 directly interacts with BMPs and blocks their binding to BMP receptors, thereby inhibiting BMP activity. In breast, lung and colon tumors, CHRDL2 expression is upregulated, suggesting a possible role in tumorigenesis.

Gene ID:

Accession #: NP_056239

Immunogen: Synthetic peptide of human CHRDL2

Conjugation: Unconjugated

Swissprot: Q6WN34

Calculated Molecular Weight: 48 kDa

Observed Molecular Weight:

Concentration: 0.3 mg/mL

Buffer: PBS with 0.05% sodium azide and 50% glycerol, PH7.4

Purification Method: Affinity purification

Application: WB,ELISA

Dilution: WB 1:500-1:2000

Storage: Store at -20°C. Avoid freeze / thaw cycles.