

## Rabbit anti-Human CHRDL2 Polyclonal Antibody | anti-CHRDL2 antibody

CHRDL2 Antibody

|                               |                       |                            |                                                           |
|-------------------------------|-----------------------|----------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA303177</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|-----------------------------------------------------------|

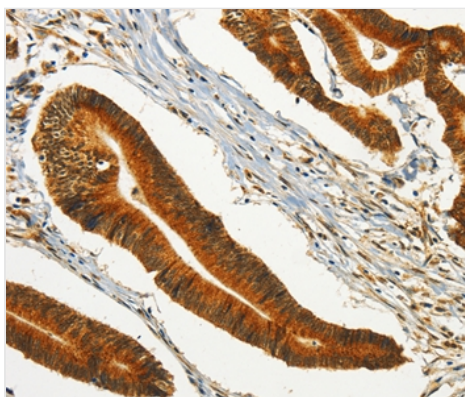
### PRODUCT SYNONYMS

CHRDL2; Polyclonal Antibody; CHRDL2 Antibody; BNF1; CHL2; FKSG37; anti-CHRDL2 antibody

### PRODUCT SPECIFICATIONS

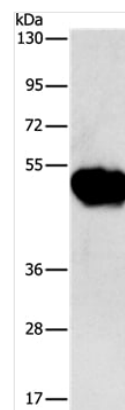
|                                                  |                                                                                                    |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                             |
| Reactivity                                       | Human                                                                                              |
| Clonality                                        | Polyclonal                                                                                         |
| Specificity                                      | The antibody detects endogenous levels of total CHRDL2 protein.                                    |
| Purity/Purification                              | Antigen affinity purification.                                                                     |
| Form/Format                                      | Rabbit IgG in pH7.3 PBS, 0.05% NaN <sub>3</sub> , 50% Glycerol.                                    |
| Concentration                                    | 1.2 mg/ml (varies by lot)                                                                          |
| Sequence Length                                  | 429                                                                                                |
| Applicable Applications for anti-CHRDL2 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                      |
| Immunogen Type                                   | Peptide                                                                                            |
| Immunogen Description                            | Synthetic peptide corresponding to a region derived from internal residues of human chordin-like 2 |
| Target Name                                      | CHRDL2                                                                                             |
| Preparation and Storage                          | Store at -20 degree C                                                                              |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human colon cancer tissue using at dilution 1/30.



#### Application Data

Gel: 8%SDS-PAGE Lysates (from left to right): Human fetal brain tissue Amount of lysate: 40ug per lane Primary antibody: 1/600 dilution Secondary antibody dilution: 1/8000 Exposure time: 1 minute

ADDITIONAL INFORMATION

|                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CHRD <sub>L</sub> 2 antibody | CHRD <sub>L</sub> 2 (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. CHRD <sub>L</sub> 2 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, CHRD <sub>L</sub> 2 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, CHRD <sub>L</sub> 2 directly interacts with BMPs and blocks their binding to BMP receptors, thereby inhibiting BMP activity. In breast, lung and colon tumors, CHRD <sub>L</sub> 2 expression is upregulated, suggesting a possible role in tumorigenesis. |
| Product Categories/Family for anti-CHRD <sub>L</sub> 2 antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

NCBI AND UNIPROT INFORMATION

|                                  |                                                |
|----------------------------------|------------------------------------------------|
| NCBI GI #                        | 510937050                                      |
| NCBI GeneID                      | 25884                                          |
| NCBI Accession #                 | NP_001265402.1                                 |
| NCBI GenBank Nucleotide #        | NM_001278473.2                                 |
| UniProt Accession #              | Q6WN34; Q6WN30; Q6WN31; Q6WN32; Q7Z5J3; A5PKU9 |
| Molecular Weight                 | 9,846 Da                                       |
| NCBI Official Full Name          | chordin-like protein 2 isoform 2               |
| NCBI Official Synonym Full Names | chordin-like 2                                 |
| NCBI Official Symbol             | CHRD <sub>L</sub> 2                            |
| NCBI Official Synonym Symbols    | BNF1; CHL2                                     |
| NCBI Protein Information         | chordin-like protein 2                         |
| UniProt Protein Name             | Chordin-like protein 2                         |
| UniProt Gene Name                | <b>CHRD<sub>L</sub>2</b>                       |
| UniProt Synonym Gene Names       | BNF1; CHL2; BNF-1                              |
| UniProt Entry Name               | CRDL2_HUMAN                                    |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/chrdl2-antibody-immunohistochemistry-western-blot-elisa/303177>