

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

CHRDL2 Antibody

CATALOG # AAA303177	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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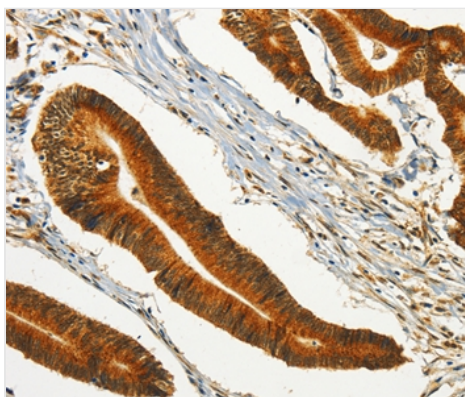
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

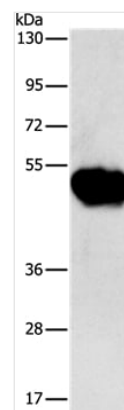
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total CHRDL2 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	1.2 mg/ml (varies by lot)
Sequence Length	429
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-CHRD2 antibody	CHRD2 (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. CHRD2 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, CHRD2 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, CHRD2 directly interacts with BMPs and blocks their binding to BMP receptors, thereby inhibiting BMP activity. In breast, lung and colon tumors, CHRD2 expression is upregulated, suggesting a possible role in tumorigenesis.
Product Categories/Family for anti-CHRD2 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	CHRD2
NCBI Official Synonym Symbols	BNF1; CHL2
NCBI Protein Information	chordin-like protein 2
UniProt Protein Name	Chordin-like protein 2
UniProt Gene Name	CHRD2
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://stage.aaabiotech.com/polyclonal/chrd2-antibody-immunohistochemistry-western-blot-elisa/303177>