

Rabbit CHRDL2 Polyclonal Antibody | anti-CHRDL2 antibody

CHRDL2 Polyclonal Antibody

CATALOG # AAA169627	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
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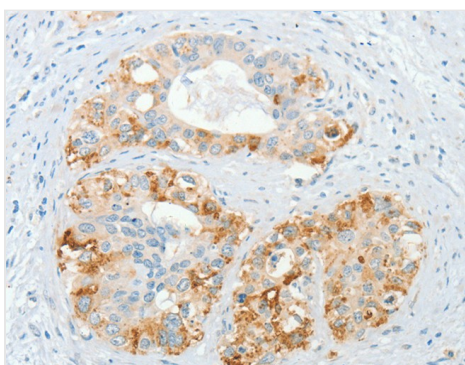
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

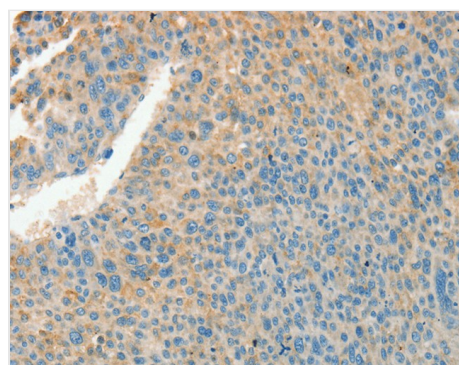
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	0.8mg/mL (varies by lot)
Sequence Length	386
Applicable Applications for anti-CHRDL2 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide of human CHRDL2
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using CHRDL2 Polyclonal Antibody at dilution 1:20



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using CHRDL2 Polyclonal Antibody at dilution 1:20

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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	749502305
NCBI GeneID	25884
NCBI Accession #	NP_001291346.1
NCBI GenBank Nucleotide #	NM_001304417.1
Molecular Weight	9,846 Da
NCBI Official Full Name	chordin-like protein 2 isoform 7
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; breast tumor novel factor 1; chordin-related 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.