

Mouse anti-Mouse CHRDL1 Monoclonal Antibody | anti-CHRDL1 antibody

CHRDL1 Antibody

CATALOG # AAA111300	HOST Mouse	REACTIVITY Mouse	APPLICATIONS Immunocytochemistry, Western Blot
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PRODUCT SYNONYMS

CHRDL1; Monoclonal Antibody; CHRDL1 Antibody; Neuralin-1; Neurogenesin-1; Ventroptin; anti-CHRDL1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Mouse
Clonality	Monoclonal
Isotype	IgG1
Specificity	This antibody detects endogenous levels of CHRDL1 and does not cross-react with related proteins.
Purity/Purification	Affinity purified
Form/Format	Purified in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50%, glycerol
Sequence Length	458
Applicable Applications for anti-CHRDL1 antibody	ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	Purified recombinant human CHRDL1 protein fragments expressed in E Coli.
Cellular Localization	Secreted

IMAGES



Application Data

Western blot detection of CHRDL1 in Rat kidney tissue lysates using CHRDL1 antibody (1:1000 diluted). Predicted band size: 57kDa Observed band size: 57kDa.



Application Data

Immunocytochemistry stain of Hela using CHRDL1 antibody (1:300).

ADDITIONAL INFORMATION

Related Product Information for anti-CHRDL1 antibody	UniPort Summary Function: Antagonizes the function of BMP4 by binding to it and preventing its interaction with receptors. Alters the fate commitment of neural stem cells from gliogenesis to neurogenesis. Contributes to neuronal differentiation of neural stem cells in the brain by preventing the adoption of a glial fate. May play a crucial role in dorsoventral axis formation. May play a role in embryonic bone formation By similarity. May also play an important role in regulating retinal angiogenesis through modulation of BMP4 actions in endothelial cells. Entrez Summary: This gene encodes an antagonist of bone morphogenetic protein 4. The encoded protein may play a role in topographic retinotectal projection and in the regulation of retinal angiogenesis in response to hypoxia. Alternatively spliced transcript variants encoding different isoforms have been described.
Product Categories/Family for anti-CHRDL1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	221316561
NCBI GeneID	91851
NCBI Accession #	NP_001137453.1
NCBI GenBank Nucleotide #	NM_145234.3
UniProt Accession #	Q9BU40; Q539E4; Q9Y3H7; B1AKD0; B4DMP3; D3DUY6; E9PGS5
Molecular Weight	57kDa
NCBI Official Full Name	chordin-like protein 1 isoform 1
NCBI Official Synonym Full Names	chordin like 1
NCBI Official Symbol	CHRD1
NCBI Official Synonym Symbols	CHL; MGC1; MGCN; VOPT; NRLN1; dA141H5.1
NCBI Protein Information	chordin-like protein 1
UniProt Protein Name	Chordin-like protein 1
UniProt Gene Name	CHRD1
UniProt Synonym Gene Names	NRLN1

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/monoclonal/chrd1-antibody-immunocytochemistry-western-blot-elisa/111300>