



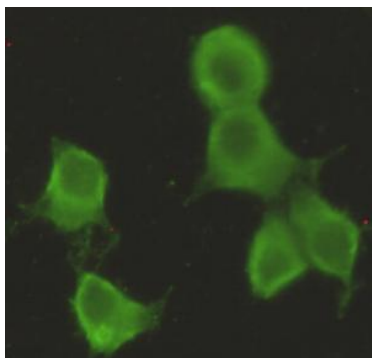
CHRD1 Antibody

E2200591**Size** 100ug**Cat code** E2200591**Species Cross-reactivity** M**Key Application** WB: 1/500-1/2000; ELISA: 1/2000-1/5000; IHC: 1/50-1/200; ICC/FC:1:50-1/20**Host** Mouse**Antibody type** Monoclonal antibody**Purified method** Affinity purified**Isotype** IgG1**Molecular Weight** 57kDa**Sensitivity** This antibody detects endogenous levels of CHRD1 and does not cross-react with related proteins.**Immunogen** Purified recombinant human CHRD1 protein fragments expressed in E.coli.**UniProt Number** Q9BU40**GeneBank ID** NM_145234.3**Subcellular location** Secreted**Formulation** Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol**Altername** Neuralin-1 Neurogenesin-1 Ventroptin**Gene_symbol** CHL; VOPT; NRLN1; dA141H5.1

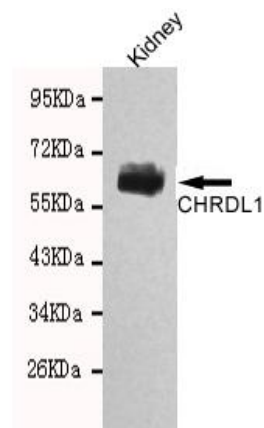
UniPort summary Function Antagonizes the function of BMP4 by binding to it and preventing its interaction with receptors. Alters the fate commitment of neural stem cells from gliogenesis to neurogenesis. Contributes to neuronal differentiation of neural stem cells in the brain by preventing the adoption 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.

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



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