CHRDL1 mouse mAb

Gene Name：chrdl1
Human Gene Id：91851
Human Swiss Prot No：Q9BU40
Mouse Swiss Prot No：Q920C1
Immunogen：Purified recombinant human CHRDL1 protein fragments expressed in E.coli.
Specificity：This antibody detects endogenous levels of CHRDL1 and does not cross-react with related proteins.
Formulation：Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source：Mouse
Dilution：wb 1:1000 icc 1:300
Purification：The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration：1 mg/ml
Concentration：-20°C/1 year
Other names：CHL;chordin like 1;Chordin-like protein 1;CHRDL1;CRDL1_HUMAN;dA141H5.1;neuralin 1; Neuralin-1;Neurogenesin-1;NRLN1;Ventroptin;VOPT.
Observed Band：52
Background：chordin like 1(CHRDL1) Homo sapiens 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. [provided by RefSeq, Jan 2009],
Function：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 embyonic bone formation (By similarity). May also play an important role in regulating retinal angiogenesis trough modulation of BMP4 actions in endothelial cells.,induction:By hypoxia in retinal pericytes.,similarity:Contains 3 VWFC domains.,tissue specificity:Expressed in retinal pericytes.,
Location：extracellular region,
Expression：Brain,Lung,Uterus,