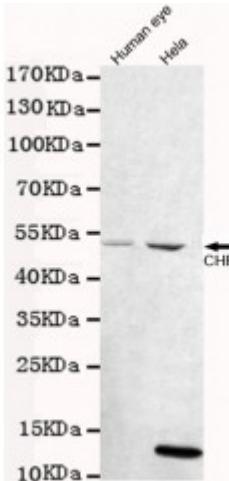




## Anti-CHRD1 antibody



|                    |                            |
|--------------------|----------------------------|
| <b>Description</b> | Mouse monoclonal to CHRD1. |
|--------------------|----------------------------|

|                           |  |
|---------------------------|--|
| <b>Model</b>              | STJ99125   |
| <b>Host</b>               | Mouse  |
| <b>Reactivity</b>         | Human  |
| <b>Applications</b>       | ELISA, WB  |
| <b>Immunogen</b>          | Purified recombinant human CHRD1 protein fragments expressed in E.coli.  |
| <b>Gene ID</b>            | <a href="#">91851</a>  |
| <b>Gene Symbol</b>        | <a href="#">CHRD1</a>  |
| <b>Dilution range</b>     | WB 1:500-2000 ELISA 1:10000-20000  |
| <b>Specificity</b>        | This antibody detects endogenous levels of CHRD1 and does not cross-react with related proteins.   |
| <b>Tissue Specificity</b> | Expressed in the developing cornea and in the eye anterior segment in addition to the retina. Differentially expressed in the fetal brain. There is high expression in cerebellum and neocortex. Expressed in retinal pericytes. |
| <b>Purification</b>       | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  |
| <b>Clone ID</b>           | 3H1-F6-A10   |
| <b>Note</b>               | For Research Use Only (RUO).   |
| <b>Protein Name</b>       | Chordin-like protein 1 Neuralin-1 Neurogenesin-1 Ventroptin  |
| <b>Molecular Weight</b>   | 52kDa  |

|                              |  |
|------------------------------|--|
| <b>Clonality</b>             | Monoclonal   |
| <b>Conjugation</b>           | Unconjugated   |
| <b>Isotype</b>               | IgG1   |
| <b>Formulation</b>           | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  |
| <b>Concentration</b>         | 1 mg/ml  |
| <b>Storage Instruction</b>   | Store at -20°C, and avoid repeat freeze-thaw cycles.   |
| <b>Database Links</b>        | <a href="#">HGNC:29861</a> <a href="#">OMIM:300350</a>   |
| <b>Alternative Names</b>     | Chordin-like protein 1 Neuralin-1 Neurogenesin-1 Ventroptin  |
| <b>Function</b>              | 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 . May also play an important role in regulating retinal angiogenesis through modulation of BMP4 actions in endothelial cells. Plays a role during anterior segment eye development. |
| <b>Cellular Localization</b> | Secreted   |

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