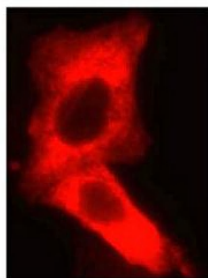


## Anti Ccd1 Polyclonal Antibody

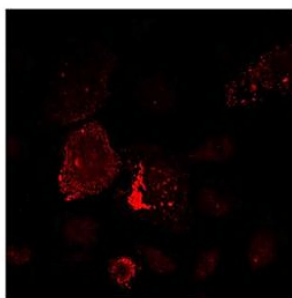
The novel zebrafish protein Ccd1 (Coiled-coil-DIX1) possesses a C-terminal DIX (Dishevelled-Axin) domain as well as an N-terminal coiled-coil domain. The DIX domain proteins Ccd1, Axin, and dishevelled (Dvl / Dsh) are important in Wnt signaling. Ccd1 forms a heteromeric complex with Axin and Dvl/Dsh and regulates neural patterning through Wnt pathway activation. This antibody presented here reacts with the coiled-coil domain of the Ccd1 isoforms Ccd1A, Ccd1B, Ccd1C.

(Brain Res Mol Brain Res., 2005 Apr 27; 135(1-2):169-80).

|                     |   |
|---------------------|---|
| Package Size        | 25 $\mu$ g (100 $\mu$ L/vial)   |
| Format              | Rabbit polyclonal antibody (0.25mg/mL)  |
| Buffer              | PBS [containing 2% Block Ace as a stabilizer, 0.1%Proclin as a bacteriostat]  |
| Storage             | Store below $-20^{\circ}\text{C}$<br>Once thawed, store at $4^{\circ}\text{C}$ . Repeated freeze-thaw cycles should be avoided.                     |
| Purification method | This antibody was established from the serum of a rabbit immunized with a peptide fragment of Ccd1.<br>Purified by peptide affinity chromatography. |
| Working dilution    | For Western blotting : 1.0 $\mu$ g/ml<br>For Immunocytochemistry : 1.0~2.0 $\mu$ g/ml   |



A



B

### Immunocytochemistry

Sample:

- A) Zebrafish Ccd1-transfected HeLa cells
- B) Mouse Ccd1B-transfected HeLa cells

Preparation of antibodies and instruction:

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Graduate School of Comprehensive Human Sciences

**Anti Ccd1 Polyclonal Antibody****【Reference】**

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Identification and differential expression of multiple isoforms of mouse Coiled-coil-DIX1 (Ccd1), a positive regulator of Wnt signaling.  
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3. Soma K. et al.:  
Expression of mouse Coiled-coil-DIX1 (Ccd1), a positive regulator of Wnt signaling, during embryonic development.  
Gene Expr Patterns. 2006 Mar;6(3):325-30.
4. Wong CK. et al.:  
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Supplier

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