

## Anti-CC2D2A Antibody

Catalog Number: A05681-1

### About CC2D2A

CC2D2A, also named as KIAA1345, may be involved in cilia formation. CC2D2A encodes a protein with similar overall structure to RPGRIP1L, including coiled-coil domains, a C2 domain, and an overlapping centrosomal protein-related domain. CC2D2A physically interacts with CEP290, and loss of Cc2d2a function in the zebrafish sentinel mutant results in abnormal body shape and pronephric (kidney) cysts that is strongly exacerbated by knockdown of Cep290 function. (PMID:19778711) Defects in CC2D2A are the cause of Meckel syndrome type 6 (MKS6). Defects in CC2D2A are the cause of Joubert syndrome type 9 (JBTS9). The antibody is specific to CC2D2A.

### Overview

|                      |   |
|----------------------|---|
| Product Name         | Anti-CC2D2A Antibody  |
| Reactive Species     | Human, Mouse, Rat   |
| Description          | Boster Bio Anti-CC2D2A Antibody catalog # A05681-1. Tested in WB, IHC, ICC, IF, ELISA applications. This antibody reacts with Human, Mouse, Rat.  |
| Application          | ELISA, IF, IHC, ICC, WB   |
| Clonality            | Polyclonal  |
| Formulation          | 500 ug/ml antibody with PBS, 0.02% NaN <sub>3</sub> , 1 mg stabilizing protein and 50% glycerol<br>*This antibody is supplied in a stabilized formulation.<br>Compatibility with conjugation reactions depends on the chemistry of the conjugation method used.<br>For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required. |
| Storage Instructions | 12 months from date of receipt $-20^{\circ}\text{C}$ as supplied. 6 months $2$ to $8^{\circ}\text{C}$ after reconstitution. Avoid repeated freezing and thawing.  |
| Host                 | Rabbit  |
| Uniprot ID           | Q9P2K1  |

### Technical Details

|                     |  |
|---------------------|--|
| Immunogen           | Peptide  |
| Form                | Liquid   |
| Concentration       | 500 ug/ml  |
| Purification        | Immunogen affinity purified.   |
| Suggested Dilutions | Western blot, 1:500-2000<br>Immunohistochemistry, 1:50-400<br>Immunocytochemistry/Immunofluorescence, 1:50-400 |

ELISA, 1:100-1000

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