

# CC2D1A Rabbit mAb

Catalog No.: A19283 **Recombinant**

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

104kDa

### Category

Primary antibody

### Applications

IHC-P,ELISA

### Cross-Reactivity

Human

### CloneNo number

ARC2464

## Background

This gene encodes a transcriptional repressor that binds to a conserved 14-bp 5'-repressor element and regulates expression of the 5-hydroxytryptamine (serotonin) receptor 1A gene in neuronal cells. The DNA binding and transcriptional repressor activities of the protein are inhibited by calcium. A mutation in this gene results in a nonsyndromic form of cognitive disability (MRT3).

## Recommended Dilutions

**IHC-P** 1:50 - 1:200

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

54862

### Swiss Prot

Q6P1N0

### Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

### Synonyms

Lgd2; MRT3; TAPE; Aki-1; FREUD-1; Freud-1/Aki1; CC2D1A

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

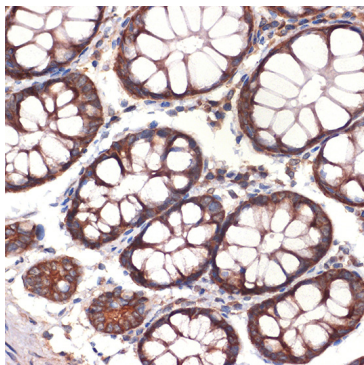
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

## Validation Data

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Immunohistochemistry analysis of paraffin-embedded Human colon using CC2D1A Rabbit mAb (A19283) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.