

CC2D1A Rabbit pAb

Catalog No.: A4800

Basic Information

Observed MW

131kDa

Calculated MW

104kDa

Category

Primary antibody

Applications

WB, IHC-P, ELISA

Cross-Reactivity

Human, Mouse, Rat

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

WB 1:1000 - 1:2000

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

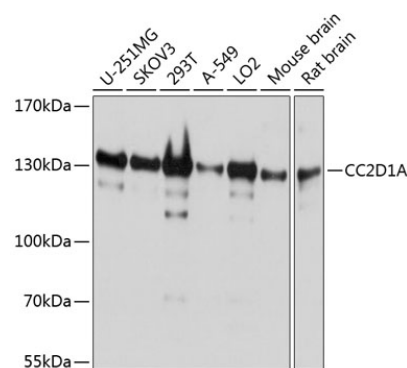
Purification

Affinity purification

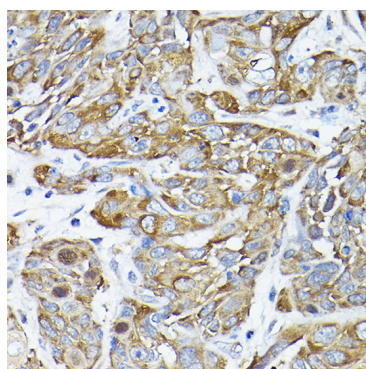
Storage

Store at -20°C

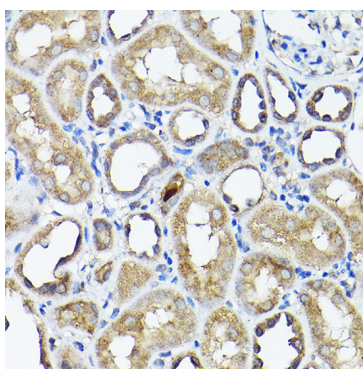
Validation Data



Western blot analysis of various lysates using CC2D1A Rabbit pAb (A4800) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.



Immunohistochemistry analysis of paraffin-embedded Human esophageal cancer using CC2D1A Rabbit pAb (A4800) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat kidney using CC2D1A Rabbit pAb (A4800) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.