

A12372

Leader in Biomolecular Solutions for Life Science



AICDA Rabbit pAb

Catalog No.: A12372 **1 Publications**

Basic Information

Observed MW

24kDa

Calculated MW

24kDa

Category

Polyclonal Antibody

Applications

WB, ELISA

Cross-Reactivity

Mouse

Background

This gene encodes a RNA-editing deaminase that is a member of the cytidine deaminase family. AICDA is specifically expressed and active in germinal center-like B cells. In the germinal center, AICDA is involved in somatic hypermutation, gene conversion, and class-switch recombination of immunoglobulin genes. An epigenetic role in neoplastic transformation and lymphoma progression has been experimentally ascribed to AICDA using mouse models. Defects in this gene are the cause of autosomal recessive hyper-IgM immunodeficiency syndrome type 2 (HIGM2).

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

57379

Swiss Prot

Q9GZX7

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 17-130 of human AICDA (NP_065712.1).

Synonyms

AID; ARP2; CDA2; HIGM2; HEL-S-284; AICDA

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

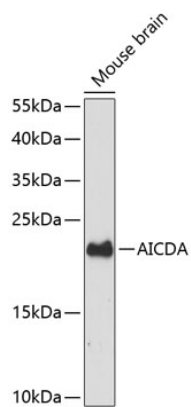
Affinity purification

Storage

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

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of lysates from mouse brain, using AICDA Rabbit pAb (A12372) at 1:3000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 μ g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.