

Datasheet for ABIN7169744
anti-AICDA antibody (AA 1-60)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	AICDA
Binding Specificity:	AA 1-60
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AICDA antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Recombinant Human Single-stranded DNA cytosine deaminase protein (1-60AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

Target Details

Target:	AICDA
Alternative Name:	AICDA (AICDA Products)
Background:	Background: Single-stranded DNA-specific cytidine deaminase. Involved in somatic hypermutation, gene conversion, and class-switch recombination in B-lymphocytes. Required

Target Details

for several crucial steps of B-cell terminal differentiation necessary for efficient antibody responses. May also play a role in the epigenetic regulation of gene expression by participating in DNA demethylation.

Aliases: Activation induced cytidine deaminase antibody, Activation induced deaminase antibody, Activation-induced cytidine deaminase antibody, AICDA antibody, AICDA_HUMAN antibody, AID antibody, ARP 2 antibody, ARP2 antibody, CDA 2 antibody, CDA2 antibody, Cytidine aminohydrolase antibody, HIGM2 antibody, Integrated into Burkitt's lymphoma cell line Ramos antibody

UniProt: [Q9GZX7](#)

Pathways: [Cellular Response to Molecule of Bacterial Origin](#), [Regulation of Actin Filament Polymerization](#), [Production of Molecular Mediator of Immune Response](#)

Application Details

Application Notes: Recommended dilution: WB:1:1000-1:5000,

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Western Blotting

Image 1. Western blot All lanes: AICDA antibody at 10 μ g/mL + Mouse liver tissue Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 24, 23 kDa Observed band size: 24 kDa