BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-AID AICDA Antibody

Catalog Number: A00267

About AICDA

Activation-induced cytidine deaminase (AID) was initially discovered as a homolog of the apolipoprotein B RNA-editing cytidine deaminase 1 (APOBEC1) that showed cytidine deaminase properties in stimulated B cell lines. It is necessary for somatic hypermutation and class switch recombination in B cells, but inappropriate or dysregulated expression AID is often found in tumors and B cell neoplasms. Although it is structurally and functionally similar to the APOBEC proteins, it appears unlikely that AID deaminates dC to dU residues in HIV cDNA as does APOBEC3G.

Submit a product review to Biocompare.com



Submit a review of this product to Biocompare.com to receive a $20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.

Overview

Product Name	Anti-AID AICDA Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-AID AICDA Antibody (Catalog # A00267). Tested in ELISA, WB, ICC, IF applications. This antibody reacts with Human, Mouse.
Application	ELISA, IF, ICC, WB
Clonality	Polyclonal
Formulation	AID Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	AID antibody can be stored at 4°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q9GZX7

Technical Details

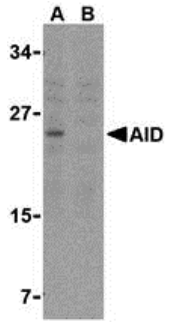
Immunogen	AID antibody was raised against a peptide corresponding to 14 amino acids near the carboxy terminus of human AID. The immunogen is located within the last 50 amino acids of AID.
Predicted Reactive Species	Bovine
Isotype	IgG

BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

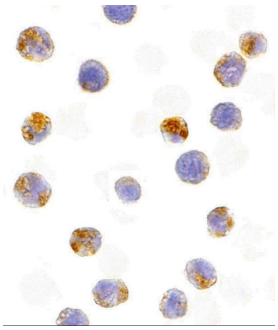
Form	Liquid
Concentration	1 mg/mL
Purification	AID Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	AID antibody can be used for detection of AID by Western blot at 2 ug/mL. Anti-AID is human and mouse reactive. Antibody can also be used for immunocytochemistry starting at 10 ug/mL. For immunofluorescence start at 20 ug/mL. Antibody validated: Western Blot in human samples; Immunocytochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

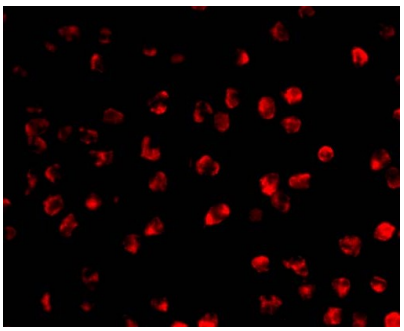
Anti-AID AICDA Antibody (A00267) Images



Western blot analysis of AID in Ramos whole cell lysate with AID antibody at 2 ug/mL in either the (A) absence or (B) presence of blocking peptide.



Immunocytochemistry of AID in Ramos cells with Ramos antibody at 10 ug/mL.



Immunofluorescence of AID in Ramos cells with AID antibody at 20 ug/mL.

Anti-AID AICDA Antibody

For Research Use Only. Not for use in diagnostic procedures.