

Anti-AICDA(Activation-induced cytidine deaminase) Polyclonal Antibody

Cat. #: 60B186

Description:

The AICDA(Activation-induced cytidine deaminase) is a RNA-editing deaminase involved in somatic hypermutation, gene conversion, and class-switch recombination. It is required for several crucial steps of B-cell terminal differentiation necessary for efficient antibody responses. It belongs to the cytidine and deoxycytidylate deaminases family.

Immunogen/Specificity:

Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to C-terminal residues of mouse AICDA(Activation-induced cytidine deaminase)

References

Muramatsu, M., et al, J. Biol. Chem. 274
McBride, K.M., et al, Proc. Natl. Acad. Sci. U.S.A. 103 (23), 8798-8803 (2006)
Ramiro, A.R., et al, Nature 440 (7080), 105-109 (2006)
Muto, T., et al, Proc. Natl. Acad. Sci. U.S.A. 103 (8), 2752-2757 (2006)
Yadav, A., et al, Mol. Immunol. 43 (6), 529-541 (2006)
Krause, K., et al, Mol. Immunol. 43 (4), 295-307 (2006)
Wakae, K., et al, Int. Immunol. 18 (1), 41-47 (2006)
Basu, U., et al, Nature 438 (7067), 508-511 (2005)
Cattoretti, G., et al, Cancer Cell 7 (5), 445-455 (2005)

Species: mouse

Storage and Stability: at -20°C

Storage buffer:

This antibody is stored in PBS, 0.01% sodium azide and 50% glycerol.

Preparation:

Purified by antigen-specific affinity chromatography.

Applications :

ELISA

Western Blotting (1 µg/ml for 2hrs)