

Anti-Human/Mouse/Rat AICDA Polyclonal Antibody
Polyclonal Antibody

Cat.NO.: PA06499

3th Edition

Description: This gene encodes a RNA-editing deaminase that is a member of the cytidine deaminase family. The protein is involved in somatic hypermutation, gene conversion, and class-switch recombination of immunoglobulin genes. Defects in this gene are the cause of autosomal recessive hyper-IgM immunodeficiency syndrome type 2 (HIGM2). AICDA (Activation Induced Cytidine Deaminase) is a Protein Coding gene. Diseases associated with AICDA include Immunodeficiency With Hyper-Igm, Type 2 and Hyperimmunoglobulin Syndrome. Among its related pathways are IL4-mediated signaling events and NF-kappaB Signaling. GO annotations related to this gene include ubiquitin protein ligase binding and cytidine deaminase activity. An important paralog of this gene is APOBEC3G.

Antigen: Synthesized peptide derived from the Internal region of human AID.

Form:

How to use: 1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution: PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: Strongly expressed in lymph nodes and tonsils.