
AID Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 253434

Unit: 0.1 mg

Description:

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.

Isotype: Rabbit Ig

Applications: E, WB, ICC

Species Reactivity: H, M

Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: AID

Accession No.: AAM95402

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human AID.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; ICC: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.