

DNAXPAb

Hard-to-Find  
Antibody

# AICDA DNAXPab

Catalog # H00057379-W02P

Size 200 ug

## Specification

|                                |                                                                                                                                                                                                                    |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>     | Rabbit polyclonal antibody raised against a full-length human AICDA DNA using DNAX™ Immune technology.                                                                                                             |
| <b>Technology</b>              | <a href="#">DNAX™ Immune</a>                                                                                                                                                                                       |
| <b>Immunogen</b>               | Full-length human DNA                                                                                                                                                                                              |
| <b>Sequence</b>                | MDSLLMNRKFLYQFKNVRWAKGRRETYLCYVVKRRDSATSFSLDFGYLRNKNKGCHVELLFLRYI<br>SDWDLDPGRCYRVTWFTSWSPCYDCARHVADFLRGNPNLRLRIFTARLYFCEDRKAEPGLRRL<br>HRAGVQIAIMTFKDYFYCWNTFVENHERTFKAWEGLEHNSVRLSRQLRRILLPLYEVDDLRLDAFRT<br>LGL |
| <b>Host</b>                    | Rabbit                                                                                                                                                                                                             |
| <b>Reactivity</b>              | Human                                                                                                                                                                                                              |
| <b>Purification</b>            | Protein A                                                                                                                                                                                                          |
| <b>Quality Control Testing</b> | Antibody reactive against mammalian transfected lysate.                                                                                                                                                            |
| <b>Storage Buffer</b>          | In 1x PBS, pH 7.4                                                                                                                                                                                                  |
| <b>Storage Instruction</b>     | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                                                                                                                                           |

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

## Gene Info — AICDA

**Entrez GeneID** [57379](#)**GeneBank Accession#** [BC006296.2](#)**Protein Accession#** [AAH06296.1](#)**Gene Name** AICDA**Gene Alias** AID, ARP2, CDA2, HIGM2**Gene Description** activation-induced cytidine deaminase**Omim ID** [605257](#) [605258](#)**Gene Ontology** [Hyperlink](#)

**Gene Summary** 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). [provided by RefSeq]

**Other Designations** activation-induced deaminase|integrated into Burkitt's lymphoma cell line Ramos

## Pathway

- [Primary immunodeficiency](#)

## Disease

- [Asthma](#)
- [Bronchial Hyperreactivity](#)
- [Gastritis](#)
- [Genetic Predisposition to Disease](#)
- [Helicobacter Infections](#)
- [Hematologic Diseases](#)
- [Hodgkin Disease](#)

- [Hypersensitivity](#)
- [Immunologic Deficiency Syndromes](#)
- [Kidney Failure](#)
- [Lymphoma](#)
- [Lymphoproliferative Disorders](#)
- [Occupational Diseases](#)
- [Severe Combined Immunodeficiency](#)
- [Stomach Neoplasms](#)
- [Tobacco Use Disorder](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)