

DNAPab

Hard-to-Find
Antibody

AICDA DNAPab

Catalog # H00057379-W03P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human AICDA DNA using DNAX™ Immune technology.
Technology	DNAX™ Immune
Immunogen	Full-length human DNA
Sequence	MDSLLMNRKFLYQFKNVRWAKGRRETYLCYVVKRRDSATSFSLDFGYLRNKNKGCHVELLFLRYI SDWDLDPGRCYRVTWFTSWSPCYDCARHVADFLRGNPNSLRIFTARLYFCEDRKAEPGLRRL HRAGVQIAIMTFKDYFYCWNTFVENHERTFKAWEGLHENSVRLSRQLRRILLPLYEVDDLRFDAFRT LGL
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	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](#)