

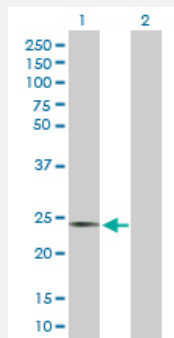
MaxPab®

AICDA purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00057379-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of AICDA expression in transfected 293T cell line ([H00057379-T02](#)) by AICDA MaxPab polyclonal antibody.

Lane 1: AICDA transfected lysate(24.00 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human AICDA protein.
Immunogen	AICDA (AAH06296.1, 1 a.a. ~ 198 a.a) full-length human protein.
Sequence	MDSLLMNRKFLYQFKNVRWAKGRRETYLCYVVKRRDSATSFSLDFGYLRNKNKGCHVELLFLRYI SDWDLDPGRCYRVTWFTSWSPCYDCARHVADFLRGNPNLSLRIFTARLYFCEDRKAEPGLRRL HRAGVQIAIMTFKDYFCWNTFVENHERTFKAWEGLHENSVRLSRQLRRILLPLYEVDDLRFDAFRT LGL
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (92); Rat (93)
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

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[Protocol Download](#)

Gene Info — AICDA

Entrez GeneID	57379
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GeneBank Accession#	NM_020661.1
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Protein Accession#	AAH06296.1
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Gene Name	AICDA
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Gene Alias	AID, ARP2, CDA2, HIGM2
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Gene Description	activation-induced cytidine deaminase
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Omim ID	605257 605258
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Gene Ontology	Hyperlink
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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]
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Other Designations	activation-induced deaminase integrated into Burkitt's lymphoma cell line Ramos
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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](#)