

Rabbit AID Polyclonal Antibody | anti-AID antibody

AID Polyclonal Antibody

CATALOG # AAA296340	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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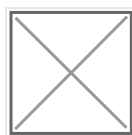
PRODUCT SYNONYMS

AID; Polyclonal Antibody; AID Polyclonal Antibody; AICDA; Activation-induced cytidine deaminase; Cytidine aminohydrolase; anti-AID antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Applicable Applications for anti-AID antibody	IHC (Immunohistochemistry), WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

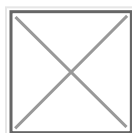
IMAGES


IHC (Immunohistochemistry)

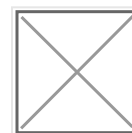
Dilution: Western Blot: 1/500 - 1/2000. IHC-p: 1:100-1:300. ELISA: 1/10000. Not yet tested in other applications.


WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. IHC-p: 1:100-1:300. ELISA: 1/10000. Not yet tested in other applications.


IHC (Immunohistochemistry)

Dilution: Western Blot: 1/500 - 1/2000. IHC-p: 1:100-1:300. ELISA: 1/10000. Not yet tested in other applications.


WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. IHC-p: 1:100-1:300. ELISA: 1/10000. Not yet tested in other applications.

ADDITIONAL INFORMATION

Related Product Information for anti-AID antibody

Single-stranded DNA-specific cytidine deaminase. Involved in somatic hypermutation (SHM), gene conversion, and class-switch recombination (CSR) in B-lymphocytes by deaminating C to U during transcription of Ig-variable (V) and Ig-switch (S) region DNA. Required for several crucial steps of B-cell terminal differentiation necessary for efficient antibody responses (PubMed:21385873, PubMed:21518874, PubMed:27716525). May also play a role in the epigenetic regulation of gene expression by participating in DNA demethylation (PubMed:21496894).

NCBI AND UNIPROT INFORMATION

NCBI GI #	23813666
NCBI GeneID	57379

UniProt Accession #	Q9GZX7 ; Q6QJ81 ; Q8NFC1
Molecular Weight	198
NCBI Official Full Name	Single-stranded DNA cytosine deaminase
NCBI Official Synonym Full Names	activation-induced cytidine deaminase
NCBI Official Symbol	AICDA
NCBI Official Synonym Symbols	AID; ARP2; CDA2; HIGM2; HEL-S-284
NCBI Protein Information	single-stranded DNA cytosine deaminase; cytidine aminohydrolase; epididymis secretory protein Li 284; integrated into Burkitt's lymphoma cell line Ramos
UniProt Protein Name	Single-stranded DNA cytosine deaminase
UniProt Gene Name	AICDA
UniProt Synonym Gene Names	AID
UniProt Entry Name	AICDA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/aid-antibody-immunohistochemistry-western-blot-elisa/296340>