

For Research Use Only

AID Polyclonal antibody

Catalog Number: 15642-1-AP



Basic Information

Catalog Number:

15642-1-AP

Size:

130 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG8136

GenBank Accession Number:

BC006296

GeneID (NCBI):

57379

UNIPROT ID:

Q9GZX7

Full Name:

activation-induced cytidine
deaminase

Calculated MW:

198 aa, 24 kDa

Observed MW:

48-52 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

ELISA

Species Specificity:

human, mouse, rat

Background Information

AID is essential to all three genetic alterations required for antigen-specific immunoglobulin: class switch recombination (CSR), somatic hypermutation (SHM), and gene conversion. Expression of AID is normally restricted to B cells in the GC, where SHM and CSR occur. It is likely these represent AID monomer and homodimer that western blot detected two bands in purified AID from nuclear extracts, one at 52 kDa and the other at 26 kDa. (PMID:16280388)

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

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Selected Validation Data