

For Research Use Only

# AID Polyclonal antibody

Catalog Number: 15642-1-AP



## Basic Information

**Catalog Number:**

15642-1-AP

**Size:**

150ul , Concentration: 133 µg/ml by Bradford method using BSA as the standard;

**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

\*\*\* 20ul sizes contain 0.1% BSA

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

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