

For Research Use Only

AID Polyclonal antibody, PBS Only

Catalog Number:15642-1-PBS



Basic Information

Catalog Number:

15642-1-PBS

Size:

100ug , Concentration: 1 mg/ml by Nanodrop;

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:

24 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IF-P, Indirect ELISA

Species Specificity:

human, mouse

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 -80°C.

Storage Buffer:

PBS only, pH7.3

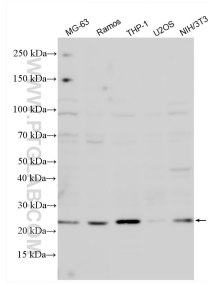
For technical support and original validation data for this product please contact:

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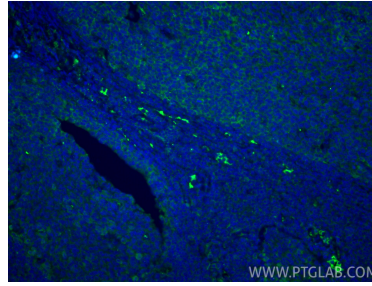
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 15642-1-AP (AID antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 15642-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded human tonsillitis tissue using AID antibody (15642-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 15642-1-PBS in a different storage buffer formulation.