A1CF Polyclonal antibody, PBS Only

Catalog Number:25812-1-PBS

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Basic Information

Catalog Number:
25812-1-PBS

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

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG22929

GenBank Accession Number:
BC054873

GeneID (NCBI):
29974

UNIPROT ID:
Q9NQ94

Full Name:
APOBEC1 complementation factor

Calculated MW:
594 aa, 65 kDa

Observed MW:
65 kDa

Purification Method:
Antigen affinity purification

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

A1CF, also known as Apobec-1 complementation factor, is an RNA-binding protein that plays a crucial role in the post-transcriptional editing of apolipoprotein B (apoB) mRNA. It is a component of the enzyme complex responsible for converting a CAA codon for glutamine to a UAA stop codon in apoB mRNA, resulting in the production of a truncated protein, apoB48, instead of the full-length apoB100.

Storage
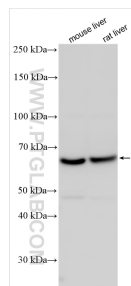
**Storage:**
Store at -80℃.
Storage Buffer:
PBS Only

Selected Validation Data

Various lysates were subjected to SDS PAGE followed by western blot with 25812-1-AP (A1CF antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 25812-1-PBS in a different storage buffer formulation.
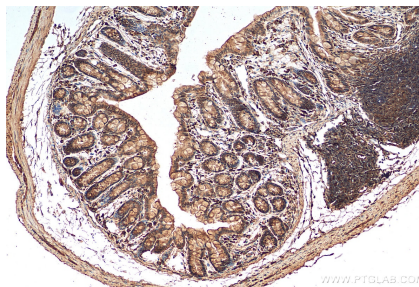
Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using 25812-1-AP (A1CF antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 25812-1-PBS in a different storage buffer formulation.
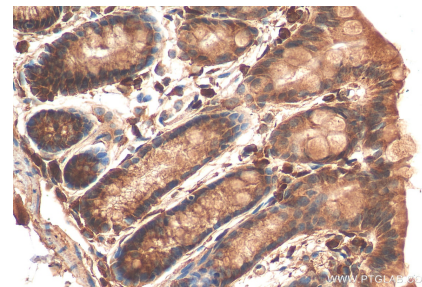
Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using 25812-1-AP (A1CF antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 25812-1-PBS in a different storage buffer formulation.