

For Research Use Only

# A1CF Polyclonal antibody, PBS Only

Catalog Number: 25812-1-PBS



## Basic Information

<b>Catalog Number:</b> 25812-1-PBS	<b>GenBank Accession Number:</b> BC054873	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 1 mg/ml	<b>GeneID (NCBI):</b> 29974	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9NQ94	
<b>Isotype:</b> IgG	<b>Full Name:</b> APOBEC1 complementation factor	
<b>Immunogen Catalog Number:</b> AG22929	<b>Calculated MW:</b> 594 aa, 65 kDa	
	<b>Observed MW:</b> 65 kDa	

## 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°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS Only

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

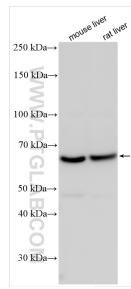
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

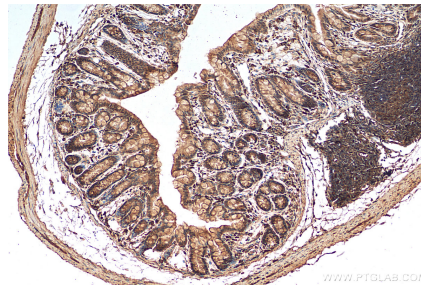
W: [ptgcn.com](http://ptgcn.com)

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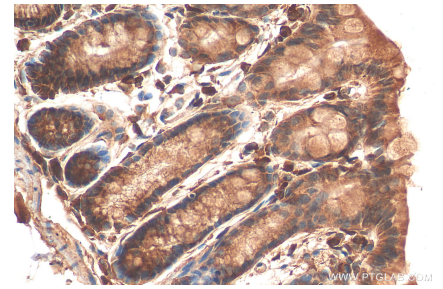
## Selected Validation Data



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.