

For Research Use Only

# A1CF Recombinant antibody

Catalog Number: 84322-4-RR



## Basic Information

<b>Catalog Number:</b> 84322-4-RR	<b>GenBank Accession Number:</b> BC054873	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 29974	<b>CloneNo.:</b> 241644F10
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9NQ94	<b>Recommended Dilutions:</b> WB 1:5000-1:50000 IHC 1:50-1:500
<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

<b>Tested Applications:</b> WB, IHC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human	<b>WB:</b> mouse liver tissue, rat liver tissue
	<b>IHC:</b> mouse colon tissue,

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## Background Information

### 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:

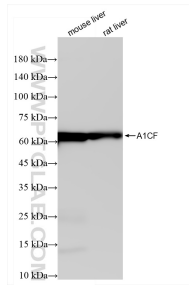
T: 4006900926

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

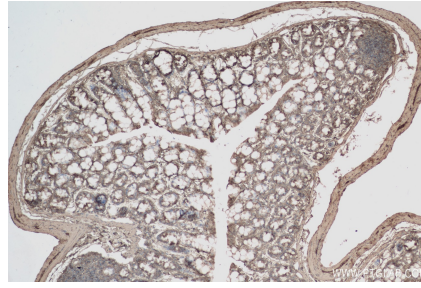
W: [ptgcn.com](http://ptgcn.com)

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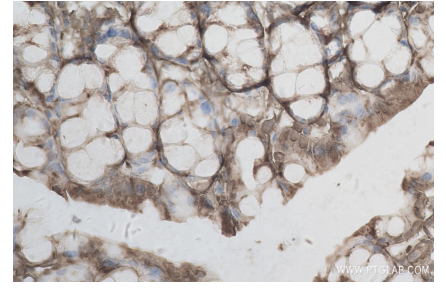
## Selected Validation Data



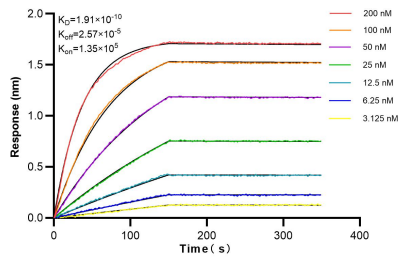
Various lysates were subjected to SDS PAGE followed by western blot with 84322-4-RR (A1CF antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using 84322-4-RR (A1CF antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using 84322-4-RR (A1CF antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Biolayer interferometry (BLI) kinetic assays of 84322-4-RR against Human A1CF were performed. The affinity constant is 0.191 nM.