

For Research Use Only

# ANKRD18A Polyclonal antibody, PBS Only

Catalog Number: 24087-1-PBS



## Basic Information

<b>Catalog Number:</b> 24087-1-PBS	<b>GenBank Accession Number:</b> BC152434	<b>Purification Method:</b> Antigen Affinity purified
<b>Concentration:</b> 1 mg/ml	<b>GeneID (NCBI):</b> 253650	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8IVF6	
<b>Isotype:</b> IgG	<b>Full Name:</b> ankyrin repeat domain 18A	
<b>Immunogen Catalog Number:</b> AG21335	<b>Calculated MW:</b> 992 aa, 116 kDa	

## Applications

**Tested Applications:**  
IHC, Indirect ELISA

**Species Specificity:**  
human, mouse

## Background Information

ANKRD18A is an ankyrin repeat-containing protein that likely operates in the realm of epigenetic regulation, potentially influencing gene expression via DNA methylation mechanisms. Although its exact biochemical roles remain unclear, its frequent promoter hypermethylation in lung cancer, along with germline variation in vulvar skin disorders, underscores a compelling link to disease pathogenesis. Located on chromosome 9p13.1, ANKRD18A remains a compelling subject for further functional and clinical exploration.

## 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, pH7.3

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

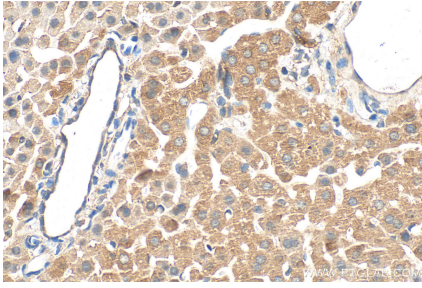
T: 4006900926

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

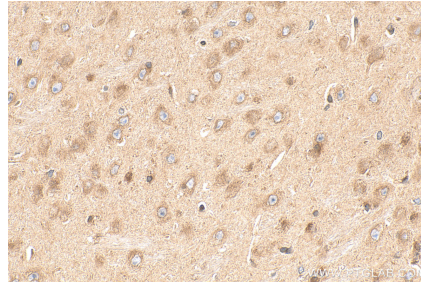
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 24087-1-AP (ANKRD18A antibody) at dilution of 1:600 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 24087-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 24087-1-AP (ANKRD18A antibody) at dilution of 1:600 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 24087-1-PBS in a different storage buffer formulation.