

For Research Use Only

ANKRD18A Polyclonal antibody

Catalog Number: 24087-1-AP



Basic Information

Catalog Number: 24087-1-AP	GenBank Accession Number: BC152434	Purification Method: Antigen Affinity purified
Size: 150ul , Concentration: 500 µg/ml by Nanodrop;	GeneID (NCBI): 253650	Recommended Dilutions: IHC: 1:300-1:1200
Source: Rabbit	UNIPROT ID: Q8IVF6	
Isotype: IgG	Full Name: ankyrin repeat domain 18A	
Immunogen Catalog Number: AG21335	Calculated MW: 992 aa, 116 kDa	

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : mouse liver tissue, mouse brain tissue
Species Specificity: human, mouse	
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

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 -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

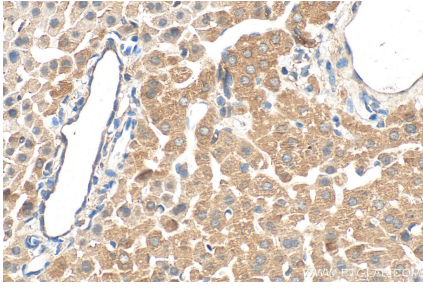
For technical support and original validation data for this product please contact:

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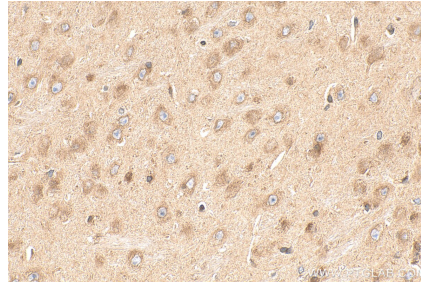
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Selected Validation Data



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).



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).