

For Research Use Only

ANKRD18A Polyclonal antibody, PBS Only

Catalog Number: 24087-1-PBS



Basic Information

Catalog Number:

24087-1-PBS

Size:

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

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG21335

GenBank Accession Number:

BC152434

GeneID (NCBI):

253650

UNIPROT ID:

Q8IVF6

Full Name:

ankyrin repeat domain 18A

Calculated MW:

992 aa, 116 kDa

Purification Method:

Antigen Affinity purified

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.

Storage Buffer:

PBS only, pH7.3

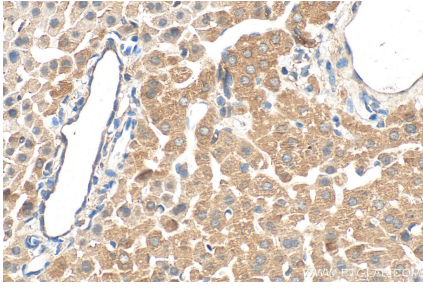
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

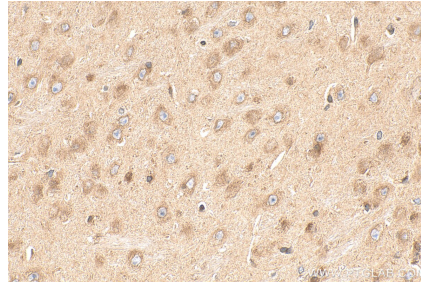
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.