

# ANKS3 Polyclonal antibody

Catalog Number: 24058-1-AP

1 Publications

## Basic Information

## Catalog Number:

24058-1-AP

## Size:

1000 µg/ml

## Source:

Rabbit

## Isotype:

IgG

## Immunogen Catalog Number:

AG21252

## GenBank Accession Number:

BC050387

## GeneID (NCBI):

124401

## UNIPROT ID:

Q6ZW76

## Full Name:

ankyrin repeat and sterile alpha motif domain containing 3

## Calculated MW:

656 aa, 72 kDa

## Observed MW:

72 kDa, 63 kDa

## Purification Method:

Antigen Affinity purified

## Recommended Dilutions:

WB 1:500-1:2000

IHC 1:20-1:200

## Applications

## Tested Applications:

IHC, WB, ELISA

## Cited Applications:

WB, IP, IF, ColP

## Species Specificity:

human, mouse

## Cited Species:

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**

## Positive Controls:

WB : mouse liver tissue, human brain tissue

IHC : human hepatocirrhosis tissue, human breast cancer tissue

## Background Information

ANKS3 (ankyrin repeat and sterile alpha motif domain containing 3) is a 656 amino acid protein that contains six ANK repeats and one SAM (sterile alpha motif) domain. Each ANK repeat consists of a 30-34 amino acid sequence that exhibits a helix-turn-helix conformation and functions to mediate protein-protein interactions. The SAM domain is a 70 amino acid domain that also functions to mediate protein-protein interactions for homo- and hetero-oligomerization. Two isoforms of ANKS3 exist due to alternative splicing events. This antibody may recognize both of them.

## Notable Publications

Author	Pubmed ID	Journal	Application
Benjamin Rothé	37733651	PLoS Biol	WB, IF, IP, ColP

## 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

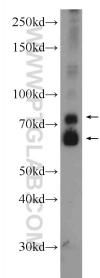
For technical support and original validation data for this product please contact:

T: 4006900926

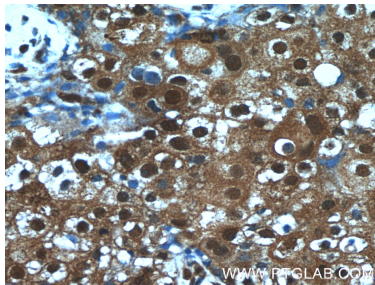
E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)W: [ptgcn.com](http://ptgcn.com)

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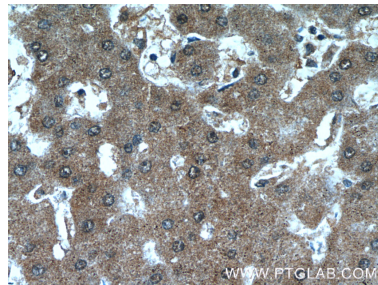
Selected Validation Data



mouse liver tissue were subjected to SDS PAGE followed by western blot with 24058-1-AP (ANKS3 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 24058-1-AP (ANKS3 Antibody) at dilution of 1:50 (under 40x Lens).



Immunohistochemical analysis of paraffin-embedded human hepatocirrhosis tissue slide using 24058-1-AP (ANKS3 Antibody) at dilution of 1:50 (under 40x Lens).