

For Research Use Only

# ANKS3 Polyclonal antibody

Catalog Number: 24058-1-AP

1 Publications



## Basic Information

### Catalog Number:

24058-1-AP

### Size:

150ul, Concentration: 1000 ug/ml by Nanodrop and 600 ug/ml by Bradford method using BSA as the standard;

### 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:

WB, IHC, ELISA

### Cited Applications:

WB, IP, IF, ColP

### Species Specificity:

human, mouse

### Cited Species:

human, mouse

### Positive Controls:

WB : mouse liver tissue, human brain tissue

IHC : human hepatocirrhosis tissue, human breast cancer 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

ANKS3 (ankyrin repeat and sterile alpha motif domain containing 3) is a 656 amino acid protein that contain 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

\*\*\* 20ul sizes contain 0.1% BSA

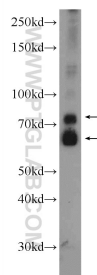
For technical support and original validation data for this product please contact:

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

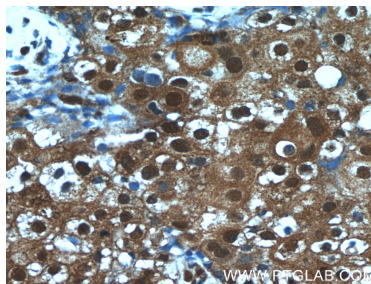
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

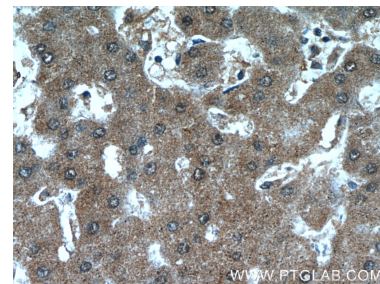
## Selected Validation Data



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).