

For Research Use Only

ANKS3 Polyclonal antibody

Catalog Number: 24058-1-AP **1 Publications**



Basic Information

Catalog Number: 24058-1-AP	GenBank Accession Number: BC050387	Purification Method: Antigen Affinity purified
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop and 600 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 124401	Recommended Dilutions: WB 1:500-1:2000 IHC 1:20-1:200
Source: Rabbit	Full Name: ankyrin repeat and sterile alpha motif domain containing 3	
Isotype: IgG	Calculated MW: 656 aa, 72 kDa	
Immunogen Catalog Number: AG21252	Observed MW: 72 kDa, 63 kDa	

Applications

Tested Applications:
IHC, WB, ELISA

Cited Applications:
ColP, IF, IP, WB

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 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**

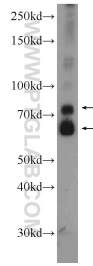
For technical support and original validation data for this product please contact:

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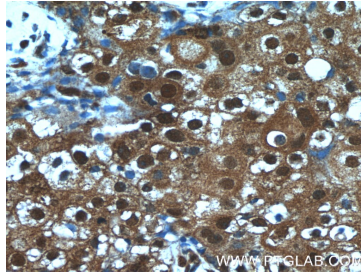
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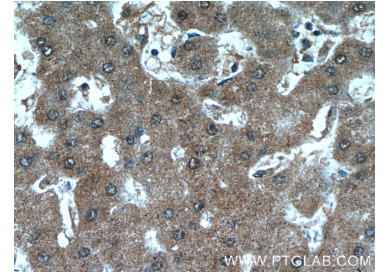
Selected Validation Data



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).