

For Research Use Only

# ANKS1B Polyclonal antibody

Catalog Number: 24783-1-AP

1 Publications



## Basic Information

### Catalog Number:

24783-1-AP

### Size:

150ul, Concentration: 500 ug/ml by Nanodrop and 267 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG20454

### GenBank Accession Number:

BC026313

### GeneID (NCBI):

56899

### UNIPROT ID:

Q7Z6G8

### Full Name:

ankyrin repeat and sterile alpha motif domain containing 1B

### Calculated MW:

1248 aa, 138 kDa

### Observed MW:

65-70 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:2000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

IF/ICC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

### Cited Applications:

WB

### Species Specificity:

human, mouse

### Cited Species:

human

**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 : A549 cells, HeLa cells, mouse testis tissue

IP : HeLa cells,

IHC : mouse brain tissue,

IF/ICC : HeLa cells,

## Background Information

ANKS1B also named as AIDA or cajalin 2 is a amino acid protein, which contains 7 ANK repeats, 1 PID domain and 2 SAM domains. ANKS1B localizes in cytoplasm and is highly expressed in brain and testis. ANKS1B exists as many alternatively spliced isoforms. It interacts with AbPP to play a role in brain development. AIDA-1 also interacts with coilin in Cajal bodies to regulate pre-mRNA splicing.

## Notable Publications

Author	Pubmed ID	Journal	Application
Jacinda Chen	37245481	EBioMedicine	WB

## 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

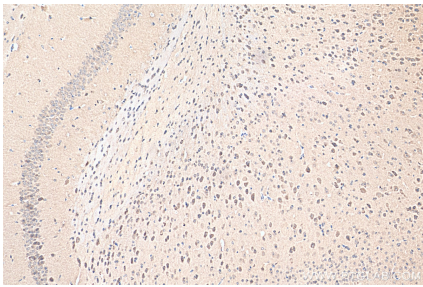
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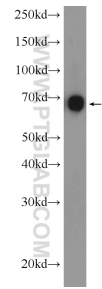
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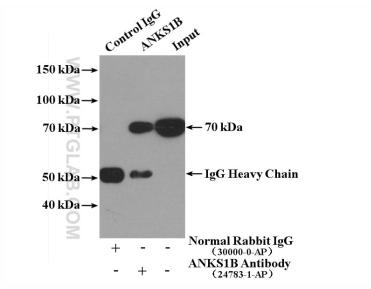
Selected Validation Data



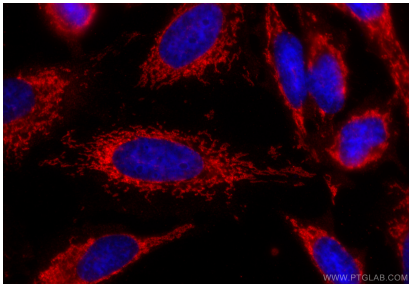
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 24783-1-AP (ANKS1B antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



A549 cells were subjected to SDS PAGE followed by western blot with 24783-1-AP (ANKS1B Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP result of anti-ANKS1B (IP:24783-1-AP, 4ug; Detection:24783-1-AP 1:1000) with HeLa cells lysate 3200ug.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using ANKS1B antibody (24783-1-AP) at dilution of 1:200 and CoraLite®594-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-4).