

ANKS1B Polyclonal antibody

Catalog Number: 24783-1-AP

1 Publications

Basic Information

Catalog Number: 24783-1-AP	GenBank Accession Number: BC026313	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 56899	Recommended Dilutions: WB 1:500-1:2000 IP 0.5-4.0 ug for IP and 1:500-1:2000
Source: Rabbit	Full Name: ankyrin repeat and sterile alpha motif domain containing 1B	for WB IHC 1:50-1:500 IF 1:20-1:200
Isotype: IgG	Calculated MW: 1248 aa, 138 kDa	
Immunogen Catalog Number: AG20454	Observed MW: 65-70 kDa	

Applications

Tested Applications: IF, IHC, IP, WB, ELISA	Positive Controls:
Cited Applications: WB	WB : A549 cells, HeLa cells, mouse testis tissue
Species Specificity: human, mouse	IP : HeLa cells,
Cited Species: human	IHC : mouse brain tissue, IF : HepG2 cells,

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

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

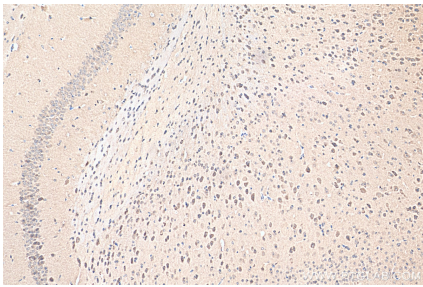
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

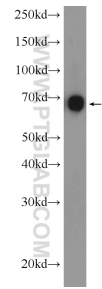
For technical support and original validation data for this product please contact:
 T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
 E: proteintech@ptglab.com
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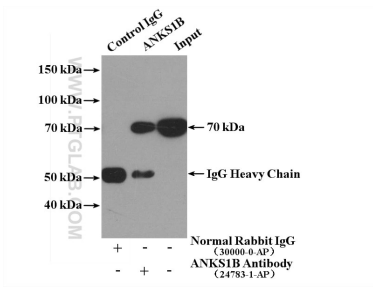
Selected Validation Data



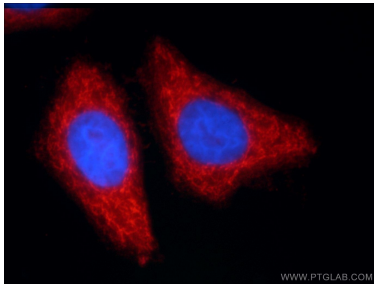
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 24783-1-AP (ANKS1B antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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 HepG2 cells using 24783-1-AP (ANKS1B antibody) at dilution of 1:50 and Rhodamine-Goat anti-Rabbit IgG.