

For Research Use Only

AP2A2 Polyclonal antibody

Catalog Number: 15722-1-AP

1 Publications



Basic Information

Catalog Number: 15722-1-AP	GenBank Accession Number: BC006155	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 300 ug/ml by Nanodrop and 267 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 161	Recommended Dilutions: WB 1:200-1:1000 IHC 1:20-1:200
Source: Rabbit	UNIPROT ID: O94973	
Isotype: IgG	Full Name: adaptor-related protein complex 2, alpha 2 subunit	
Immunogen Catalog Number: AG8442	Calculated MW: 939 aa, 104 kDa	
	Observed MW: 104 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls: WB : mouse brain tissue, rat brain tissue IHC : human testis tissue,
Cited Applications: WB	
Species Specificity: human, mouse, rat	
Cited Species: pig	
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

AP2A2, also named as ADTAB, CLAPA2, HIP9, HYPJ, or KIAA0899, is a 939 amino acid protein, which belongs to the adaptor complexes large subunit family. AP2A2 localizes in the membrane and is a component of the adaptor protein complex 2. AP2 adaptor complex linking clathrin to receptors in coated vesicles, clathrin-associated protein complexes are believed to interact with cytoplasmic domains of transmembrane proteins leading to their selection and concentration. AP2A2 is involved into cellular trafficking transport.

Notable Publications

Author	Pubmed ID	Journal	Application
Xin Chen	37254454	Emerg Microbes Infect	WB

Storage

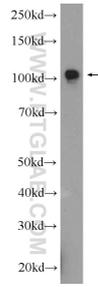
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

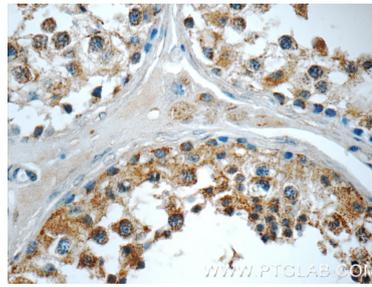
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 15722-1-AP (AP2A2 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 15722-1-AP (AP2A2 Antibody) at dilution of 1:50 (under 40x lens).