

For Research Use Only

AP2A2 Polyclonal antibody

Catalog Number: 15722-1-AP



Basic Information

Catalog Number: 15722-1-AP	GenBank Accession Number: BC006155	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 267 µg/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	Full Name: adaptor-related protein complex 2, alpha 2 subunit	
Isotype: IgG	Calculated MW: 939 aa, 104 kDa	
Immunogen Catalog Number: AG8442	Observed MW: 104 kDa	

Applications

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

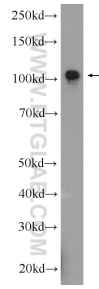
Storage

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

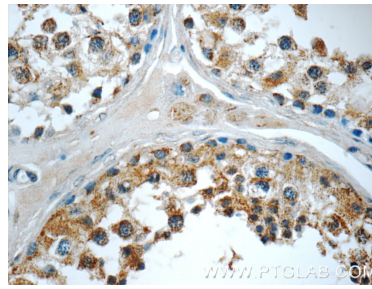
For technical support and original validation data for this product please contact:
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Selected Validation Data



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).