

For Research Use Only

# AP2A2 Polyclonal antibody

Catalog Number: 15722-1-AP **1 Publications**



## Basic Information

<b>Catalog Number:</b> 15722-1-AP	<b>GenBank Accession Number:</b> BC006155	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 300 µg/ml	<b>GeneID (NCBI):</b> 161	<b>Recommended Dilutions:</b> WB 1:200-1:1000 IHC 1:20-1:200
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O94973	
<b>Isotype:</b> IgG	<b>Full Name:</b> adaptor-related protein complex 2, alpha 2 subunit	
<b>Immunogen Catalog Number:</b> AG8442	<b>Calculated MW:</b> 939 aa, 104 kDa	
	<b>Observed MW:</b> 104 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b> WB : mouse brain tissue, rat brain tissue IHC : human testis tissue,
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> human, mouse, rat	
<b>Cited Species:</b> pig	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## 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

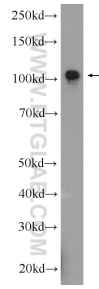
## Storage

**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

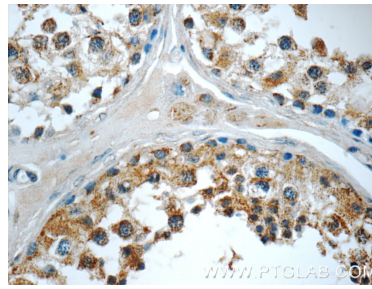
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## Selected Validation Data



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).