

For Research Use Only

ATP9A Polyclonal antibody

Catalog Number: 19504-1-AP



Basic Information

Catalog Number: 19504-1-AP	GenBank Accession Number: NM_006045	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 650 µg/ml by Nanodrop and 333 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 10079	Recommended Dilutions: WB 1:500-1:3000 IHC 1:20-1:200 IF 1:10-1:100
Source: Rabbit	Full Name: ATPase, class II, type 9A	
Isotype: IgG	Calculated MW: 119 kDa	
	Observed MW: 105 kDa	

Applications

Tested Applications:

IF, IHC, WB, ELISA

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

Positive Controls:

WB : mouse spleen tissue,

IHC : human testis tissue, rat brain tissue

IF : HeLa cells,

Background Information

ATP9A, also named as ATP11A and KIAA0611, belongs to the cation transport ATPase (P-type) family and Type IV subfamily. ATP9A catalyzes the reaction: $ATP + H_2O + \text{phospholipid(In)} = ADP + \text{phosphate} + \text{phospholipid(Out)}$.

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

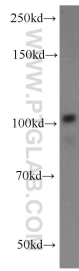
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

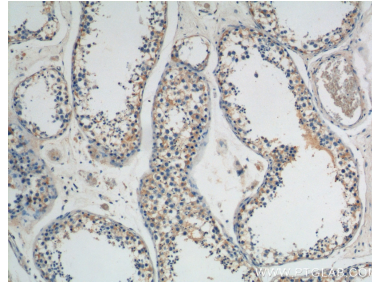
E: proteintech@ptglab.com
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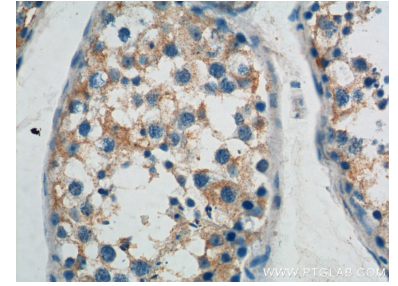
Selected Validation Data



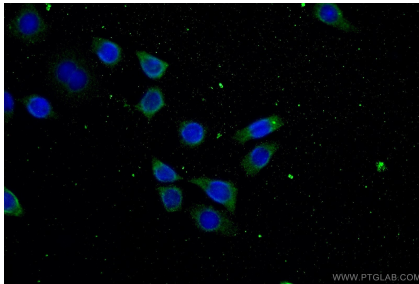
mouse spleen tissue were subjected to SDS PAGE followed by western blot with 19504-1-AP (ATP9A antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 19504-1-AP (ATP9A Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 19504-1-AP (ATP9A Antibody) at dilution of 1:200 (under 40x lens).



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using 19504-1-AP (ATP9A antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).