

For Research Use Only

ATP9A Polyclonal antibody

Catalog Number: 19504-1-AP



Basic Information

Catalog Number:

19504-1-AP

Size:

150ul , Concentration: 650 ug/ml by Nanodrop and 333 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_006045

GeneID (NCBI):

10079

UNIPROT ID:

O75110

Full Name:

ATPase, class II, type 9A

Calculated MW:

119 kDa

Observed MW:

105 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

IHC 1:20-1:200

IF/ICC 1:10-1:100

Applications

Tested Applications:

WB, IHC, IF/ICC, 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/ICC : 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 + H₂O + phospholipid(In) = ADP + phosphate + 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**

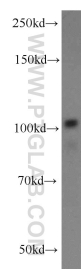
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T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

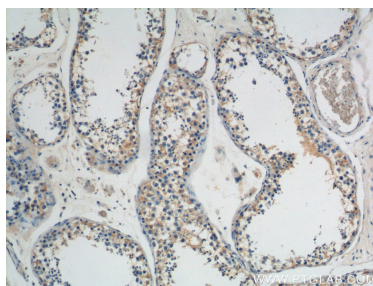
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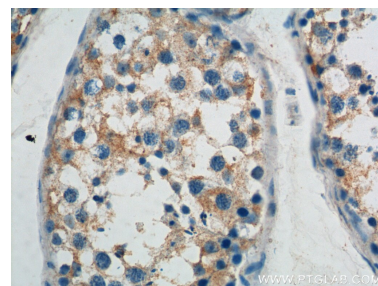
Selected Validation Data



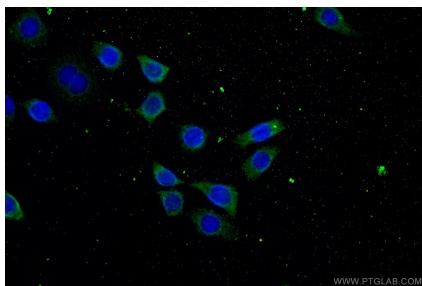
mouse spleen tissue were subjected to SDS PAGE followed by western blot with 19504-1-AP (ATP9A antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



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 Goat Anti-Rabbit IgG(H+L).