For Research Use Only

ATP1A3 (C-terminal) Polyclonal antibody Catalog Number:10868-1-AP

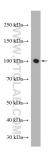
3 Publications



Basic Information	Catalog Number: 10868-1-AP	GenBank Accession Number: BC015566	Purification Method: Antigen affinity purification	
	Concentration:	GeneID (NCBI):	Recommended Dilutions:	
	330 ug/ml	478	WB 1:500-1:3000	
	Source: Rabbit	UNIPROT ID: P13637	IHC 1:50-1:500 IF-P 1:50-1:500	
	Isotype:	Full Name:		
	IgG	nolypontido		
	Immunogen Catalog Number: AG1313	polypeptide Calculated MW:		
		113 kDa		
		Observed MW: 100-113 kDa		
Applications	Tested Applications:	Positive Controls:		
			C2C12 cell, C2C12 cells, mouse brain tissue	
	Cited Applications: WB, IHC		aan prostate cancer tissue, mouse brain tissu eletal muscle tissue, human cerebellum	
	Species Specificity:	tissue	-	
	human, mouse, rat	IF-P : mou	use brain tissue,	
	Cited Species: human			
	Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0			
		i with thrute		
Background Information	buffer pH 6.0 ATP1A3 participates in the cataly plasma membrane. The catalytici K+(In). It has been published that hemiplegia of childhood (ACH) ar sensorineural hearing loss) are al life epilepsy and episodic apnea impairment of Na/K homeostasis.	ticing hydrolysis of ATP and the exch ng activity mode is ATP + H2O + Na+ the neurologic disorders rapid-onset o nd CAPOS syndrome (cerebellar ataxi l related with the mutation of ATP1A: revealing are potentially associated o	dystonia-parkionsonism (RDP), alternating a, areflexia, pes cavus, optic atrophy and 3. There are other reports suggest that early with the mutation of ATP1A3 as a result of ne C-terminal region (665-1013aa) of ATP1A	
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

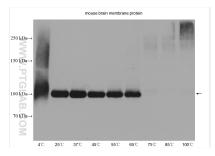
Selected Validation Data



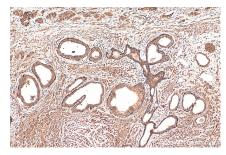
C2C12 cell were subjected to SDS PAGE followed by western blot with 10868-1-AP (ATP1A3 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



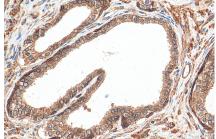
Various lysates were subjected to SDS PAGE followed by western blot with 10868-1-AP (ATP1A3 (C-terminal) antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



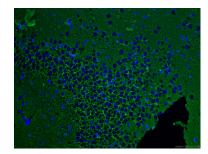
Mouse brain tissue lysates were subjected to SDS PAGE followed by western blot with 10868-1-AP (ATP1A3 (C-terminal) antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



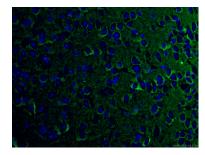
Immunohistochemical analysis of paraffinembedded human prostate cancer tissue slide using 10868-1-AP (ATP1A3 (C-terminal) antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



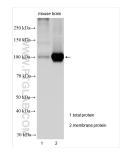
Immunohistochemical analysis of paraffinembedded human prostate cancer tissue slide using 10868-1-AP (ATP1A3 (C-terminal) antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using 10868-1-AP (ATP1A3 (Cterminal) antibody), at dilution of 1:100 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using 10868-1-AP (ATP1A3 (C-terminal) antibody), at dilution of 1:100 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Various lysates were subjected to SDS PAGE followed by western blot with 10868-1-AP (ATP1A3 (C-terminal) antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.