For Research Use Only

CHAT Polyclonal antibody Catalog Number:24418-1-AP 4 Publications

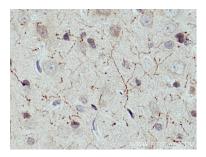


V E	Positive Controls: WB : rat brain tissue, human placenta tissue, mouse orain tissue
l by 1103 fford UNIPROT ID: P28329 Full Name: choline acetyltransferas Calculated MW: 748 aa, 83 kDa Observed MW: 60-66 kDa, 45 kDa F	WB 1:500-1:2000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate IHC 1:50-1:500 IF-P 1:50-1:500 ie
d; P28329 Full Name: choline acetyltransferas Calculated MW: 748 aa, 83 kDa Observed MW: 60-66 kDa, 45 kDa	protein lysate IHC 1:50-1:500 IF-P 1:50-1:500 ie Positive Controls: WB : rat brain tissue, human placenta tissue, mouse brain tissue
choline acetyltransferas Calculated MW: 748 aa, 83 kDa Observed MW: 60-66 kDa, 45 kDa	Positive Controls: WB : rat brain tissue, human placenta tissue, mouse brain tissue
748 aa, 83 kDa Observed MW: 60-66 kDa, 45 kDa F	NB : rat brain tissue, human placenta tissue, mouse brain tissue
Observed MW: 60-66 kDa, 45 kDa F V L	NB : rat brain tissue, human placenta tissue, mouse brain tissue
V E	NB : rat brain tissue, human placenta tissue, mouse brain tissue
t I	brain tissue
I	P:rat brain tissue,
	HC : rat brain tissue, mouse brain tissue
I	F-P : mouse brain tissue,
en retrieval with natively, antigen d with citrate	
bline (ACh) from acetyl CoA ar sthenic syndrome with episodi cholinergic neurons and anti-C en observed that CHAT gene g	line acetyltransferase family. It catalyzes the nd choline at cholinergic synapses. Defects in CHAT ic apnea (CMSEA). CHAT is known to to be present HAT antibody has been considered as the best marke generates multiple mRNA splice variants, including T), encoding 40-55 kDa and 66-70 kDa forms of
Pubmed ID Journal	Application
33880469 bioRxiv	IF
	nopharmacol IF
	•
37996529 Nat Neuro	
ar after shipment.	
d 50% glycerol pH 7.3.	
ar afte	

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free E: proteintech@ptglab.com in USA), or 1(312) 455-8498 (outside USA) W: ptglab.com

Group brand and is not available to purchase from any other manufacturer.

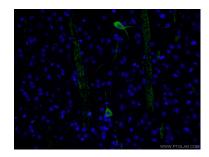
Selected Validation Data



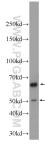
Immunohistochemical analysis of paraffinembedded rat brain tissue slide using 24418-1-AP (CHAT antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



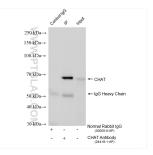
Immunohistochemical analysis of paraffinembedded rat brain tissue slide using 24418-1-AP (CHAT antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using 24418-1-AP (CHAT antibody) at dilution of 1:50 and Alexa Fluor 488conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



rat brain tissue were subjected to SDS PAGE followed by western blot with 24418-1-AP (CHAT Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP result of anti-CHAT (IP:24418-1-AP, 4ug; Detection:24418-1-AP 1:2000) with rat brain tissue lysate 1880 ug.