For Research Use Only

CHAT Polyclonal antibody

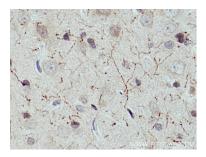
Catalog Number:24418-1-AP 3 Publications



| Basic Information | Catalog Number: 24418-1-AP | GenBank Accession Number: BC 130617 | | Purification Method: Antigen affinity purification |
|------------------------|--|---|--|--|
| | Size: | GeneID (NCBI): | | Recommended Dilutions: |
| | 550 μg/ml | 1103 | | WB 1:500-1:2000 |
| | Source: Rabbit | UNIPROT ID: P28329 Full Name: choline acetyltransferase | | IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate IHC 1:50-1:500 IF 1:50-1:500 |
| | Isotype: IgG | | | |
| | Immunogen Catalog Number: AG19550 | Calculated MW: 748 aa, 83 kDa | | |
| | | Observed MW: 60-66 kDa, 45 kDa | | |
| Applications | Tested Applications: | | | |
| | IF/ICC, IHC, IP, WB,ELISA WB: rat b Cited Applications: brain tiss | | ain tissue, human placenta tissue, mouse Ie | |
| | IF IP : rat br | | | |
| | Species Specificity: | pecies Specificity: | | rain tissue, mouse brain tissue |
| | human, rat, mouse | IF : mouse brain tissue, | | |
| | Cited Species: The mode bitmassic, mouse | | | |
| | Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0 | | | |
| | | | | |
| Background Information | reversible synthesis of acetylchol are the cause of congenital myasi exclusively in the cytoplasm of cl for cholinergic neurons. It has bee | ine (ACh) from acety henic syndrome with nolinergic neurons ar n observed that CHA | /l CoA and choline h episodic apnea (nd anti-CHAT anti .T gene generates | CMSEA). CHAT is known to to be present body has been considered as the best man |
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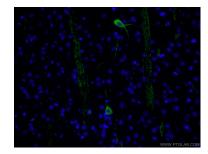
Selected Validation Data



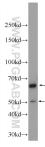
Immunohistochemical analysis of paraffinembedded rat brain tissue slide using 24418-1-AP (CHAT antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).

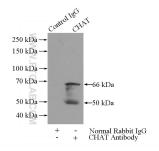


Immunohistochemical analysis of paraffinembedded rat brain tissue slide using 24418-1-AP (CHAT antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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 1:300) with rat brain tissue lysate 4000ug.