

CHAT Mouse mAb
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Catalog # AP94804**Specification**

CHAT Mouse mAb - Product Information

Application	WB, IHC-P
Primary Accession	Q03059
Reactivity	Mouse
Host	Rabbit
Clonality	Monoclonal
Calculated MW	71853

CHAT Mouse mAb - Additional Information**Other Names**

Choline O-acetyltransferase, CHOACTase, ChAT, Choline acetylase, 2.3.1.6, Chat

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

CHAT Mouse mAb - Protein Information**Name** Chat**Function**

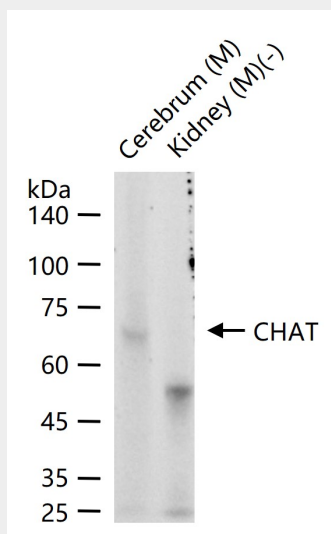
Catalyzes the reversible synthesis of acetylcholine (ACh) from acetyl CoA and choline at cholinergic synapses.

CHAT Mouse mAb - Protocols

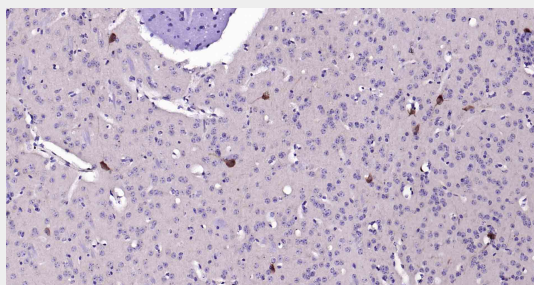
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

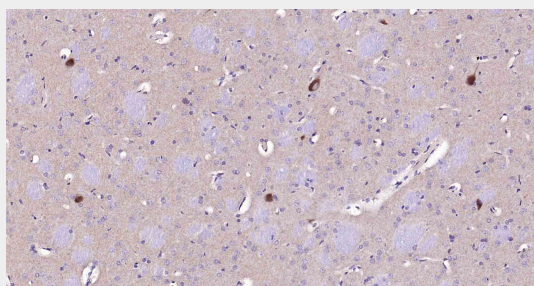
CHAT Mouse mAb - Images



25 ug total protein per lane of various lysates (see on figure) probed with CHAT monoclonal antibody, unconjugated (AP94804) at 1:2000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded Mouse Cerebrum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CHAT Monoclonal Antibody, Unconjugated(AP94804) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Mouse, sp-0024) and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Rat Cerebrum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CHAT Monoclonal Antibody, Unconjugated(AP94804) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Mouse, sp-0024) and DAB (C-0010) staining.

CHAT Mouse mAb - Background

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.