

Product Datasheet

Choline Acetyltransferase/ChAT Antibody (CL3169) - BSA Free NBP2-46650

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-46650

Choline Acetyltransferase/ChAT Antibody (CL3169) - BSA Free

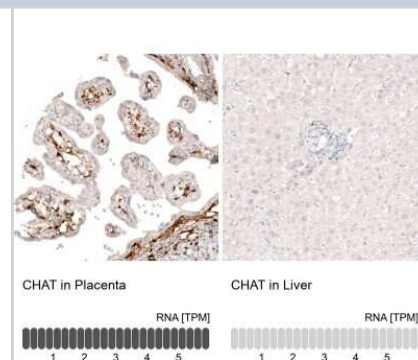
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL3169
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Mouse
Gene ID	1103
Gene Symbol	CHAT
Species	Human, Mouse, Rat
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions
Immunogen	This antibody was developed using a recombinant protein derived from P28329, with the exact immunogen sequence remaining proprietary.

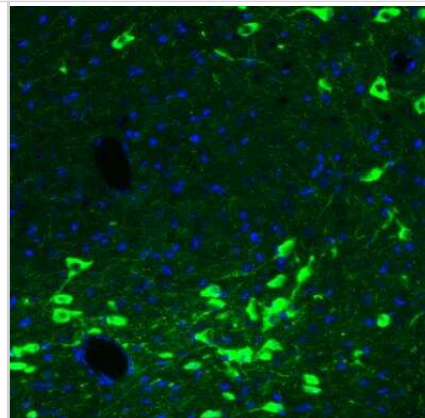
Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

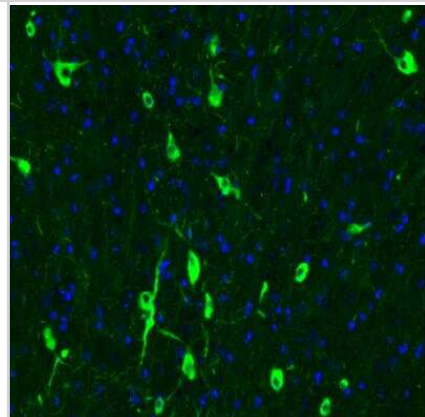
Immunohistochemistry-Paraffin: Choline Acetyltransferase/ChAT Antibody (CL3169) [NBP2-46650] - Choline Acetyltransferase/ChAT Antibody (3169) [NBP2-46650] - Staining in human placenta and liver tissues. Corresponding CHAT RNA-seq data are presented for the same tissues.



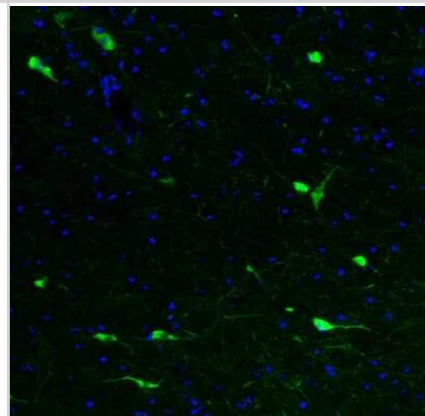
Immunohistochemistry: Choline Acetyltransferase/ChAT Antibody (CL3169) [NBP2-46650] - Staining of rat brain shows strong cytoplasmic positivity in acetylcholine neurons in the basal forebrain.



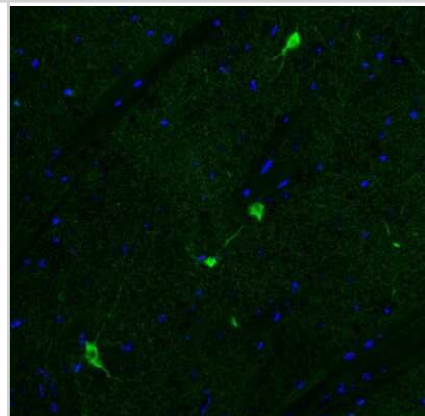
Immunohistochemistry: Choline Acetyltransferase/ChAT Antibody (CL3169) [NBP2-46650] - Staining of rat brain shows strong cytoplasmic positivity in acetylcholine neurons in the medial septum.



Immunohistochemistry: Choline Acetyltransferase/ChAT Antibody (CL3169) [NBP2-46650] - Staining of mouse brain shows strong cytoplasmic positivity in acetylcholine neurons in the basal forebrain.



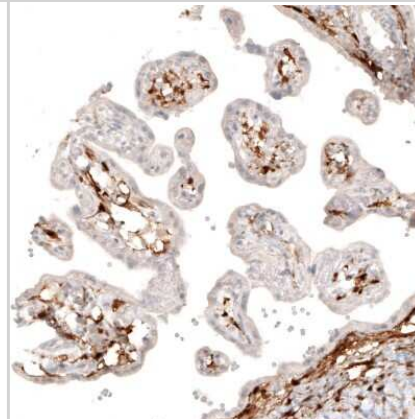
Immunohistochemistry: Choline Acetyltransferase/ChAT Antibody (CL3169) [NBP2-46650] - Staining of mouse basal forebrain shows strong positivity in acetylcholine neurons in the caudate putamen.



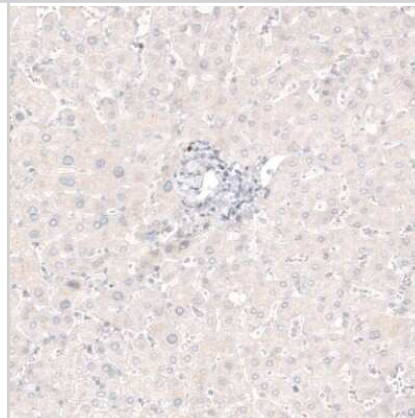
Immunohistochemistry-Paraffin: Choline Acetyltransferase/ChAT Antibody (CL3169) [NBP2-46650] - Staining of human cerebral cortex shows positivity in cholinergic neural fibers.



Immunohistochemistry-Paraffin: Choline Acetyltransferase/ChAT Antibody (CL3169) [NBP2-46650] - Staining of human placenta shows strong cytoplasmic positivity in a subset of cells in chorionic villi.



Immunohistochemistry-Paraffin: Choline Acetyltransferase/ChAT Antibody (CL3169) [NBP2-46650] - Staining of human liver shows no positivity in hepatocytes as expected.





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Products Related to NBP2-46650

NBP2-46650PEP	Choline Acetyltransferase/ChAT Recombinant Protein Antigen
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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