

# Product Datasheet

## Choline Acetyltransferase/ChAT Antibody (JA67-11) NBP2-66779

Unit Size: 100 ul

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

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### Publications: 1

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**NBP2-66779****Choline Acetyltransferase/ChAT Antibody (JA67-11)**

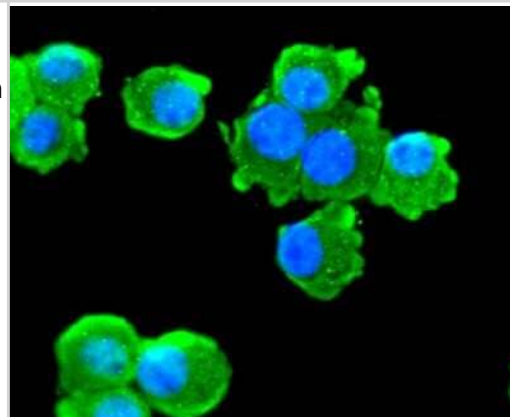
<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	JA67-11
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	TBS (pH7.4), 0.05% BSA, 40% Glycerol

<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit Choline Acetyltransferase/ChAT Antibody (JA67-11) (NBP2-66779) is a recombinant monoclonal antibody validated for use in IHC, WB, Flow, ICC/IF and IP. Anti-Choline Acetyltransferase/ChAT Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	1103
<b>Gene Symbol</b>	CHAT
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	Synthetic peptide within Human Choline Acetyltransferase/ChAT aa 699-748 / 748. (SwissProt: P28329 Human; SwissProt: Q03059 Mouse; SwissProt: P32738 Rat)

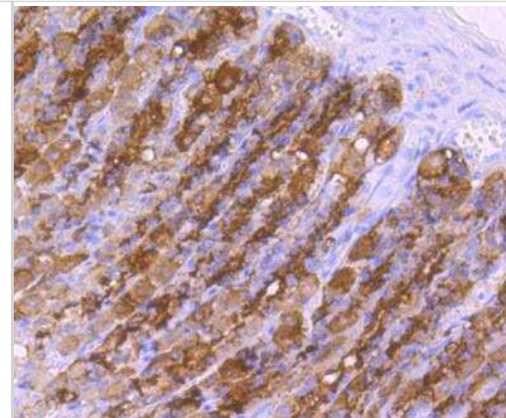
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:500, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunoprecipitation, Immunohistochemistry-Paraffin 1:50-1:200, Immunohistochemistry-Frozen 1:100

**Images**

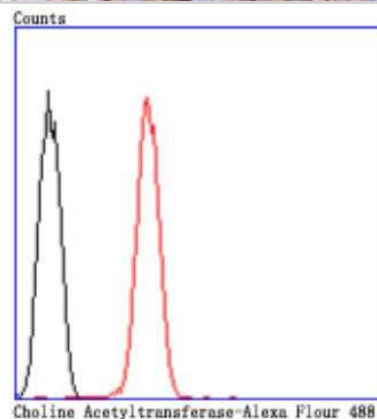
Immunocytochemistry/Immunofluorescence: Choline Acetyltransferase/ChAT Antibody (JA67-11) [NBP2-66779] - Staining Choline Acetyltransferase in N2A cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



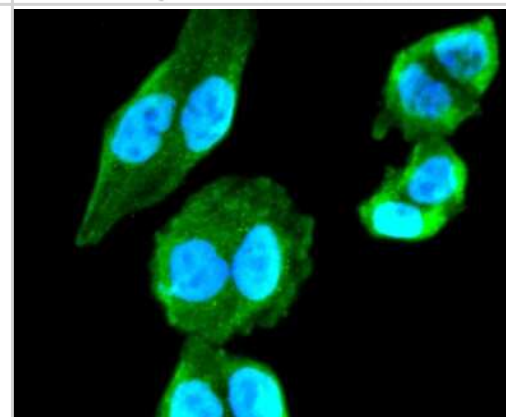
Immunohistochemistry-Paraffin: Choline Acetyltransferase/ChAT Antibody (JA67-11) [NBP2-66779] - Analysis of paraffin-embedded rat stomach tissue using anti- Choline Acetyltransferase antibody. Counter stained with hematoxylin.



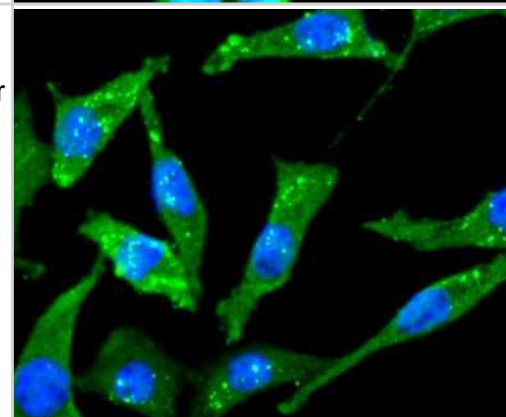
Flow Cytometry: Choline Acetyltransferase/ChAT Antibody (JA67-11) [NBP2-66779] - Analysis of N2A cells with Choline Acetyltransferase antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



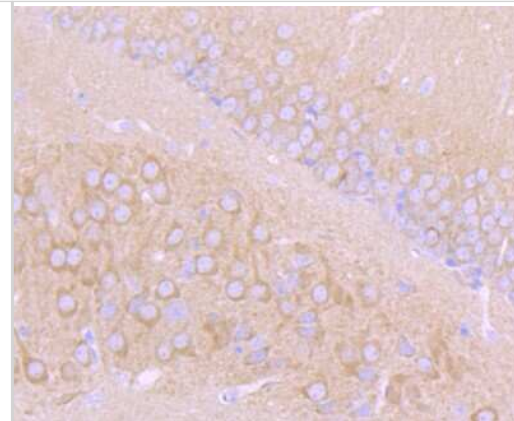
Immunocytochemistry/Immunofluorescence: Choline Acetyltransferase/ChAT Antibody (JA67-11) [NBP2-66779] - Staining Choline Acetyltransferase in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Immunocytochemistry/Immunofluorescence: Choline Acetyltransferase/ChAT Antibody (JA67-11) [NBP2-66779] - Staining Choline Acetyltransferase in SH-SY5Y cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Immunohistochemistry-Paraffin: Choline Acetyltransferase/ChAT Antibody (JA67-11) [NBP2-66779] - Analysis of paraffin-embedded mouse brain tissue using anti- Choline Acetyltransferase antibody. Counter stained with hematoxylin.



## Publications

Lasso JM, Ibarra G, Rivera A et al. Anatomic and histomorphometric study of the nerve to the vastus lateralis in cadaver for its clinical application in facial reanimation Microsurgery 2023-05-01 [PMID: 36645336]



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### **Products Related to NBP2-66779**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **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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