

# Product Datasheet

## **GAP-43 Antibody (CL10884) - BSA Free** **NBP3-21183-100ul**

Unit Size: 100 ul

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

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Updated 3/3/2025 v.20.1

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**NBP3-21183-100ul**

GAP-43 Antibody (CL10884) - BSA Free

**Product Information**

<b>Unit Size</b>	100 ul
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<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>	CL10884
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG2a
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS, pH 7.2, 40% glycerol

**Product Description**

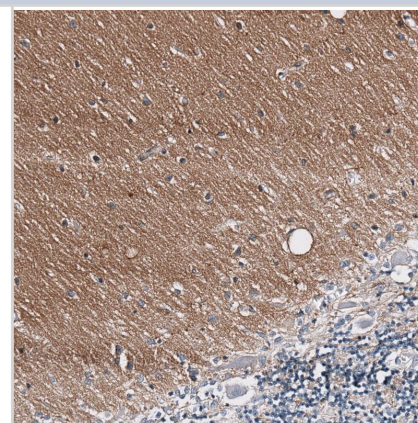
<b>Host</b>	Mouse
<b>Gene ID</b>	2596
<b>Gene Symbol</b>	GAP43
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was developed using a synthetic peptide derived from P17677, with the exact immunogen sequence remaining proprietary.

**Product Application Details**

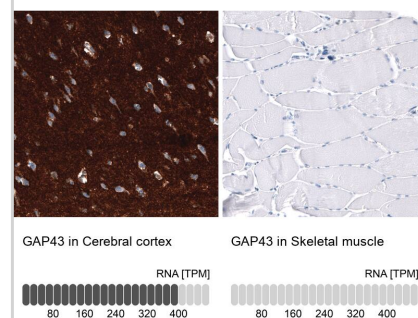
<b>Applications</b>	Immunohistochemistry-Paraffin, Immunohistochemistry
<b>Recommended Dilutions</b>	Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

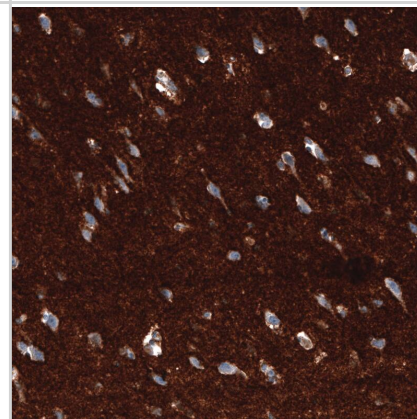
Staining of human cerebellum shows moderate positivity in neuropil.



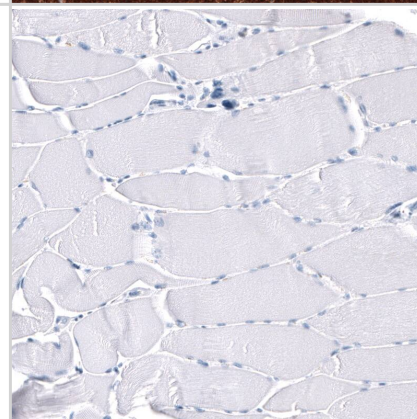
Analysis in human cerebral cortex and skeletal muscle tissues using NBP3-21183 antibody. Corresponding GAP43 RNA-seq data are presented for the same tissues.



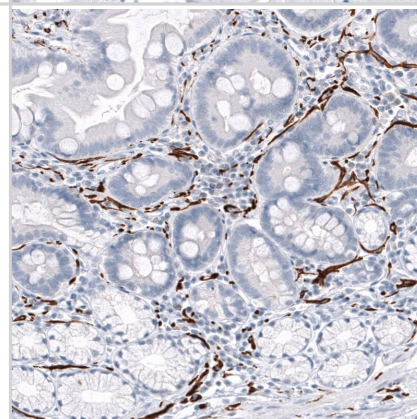
Staining of human cerebral cortex shows strong positivity in neuronal processes in neuropil.



Staining of human skeletal muscle shows no positivity in myocytes as expected.



Staining of human duodenum shows strong cytoplasmic positivity in peripheral nerves.





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### **Products Related to NBP3-21183-100ul**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
NBP2-53033-20ug	Recombinant Human GAP-43 His Protein

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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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