

# Product Datasheet

## GAP-43 Antibody (CL10884)

### 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 2/27/2025 v.20.1

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**NBP3-21183-100ul**

GAP-43 Antibody (CL10884)

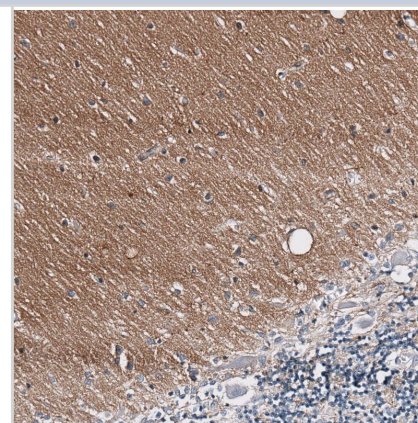
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL10884
Preservative	0.02% Sodium Azide
Isotype	IgG2a
Purity	Protein A purified
Buffer	PBS, pH 7.2, 40% glycerol

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

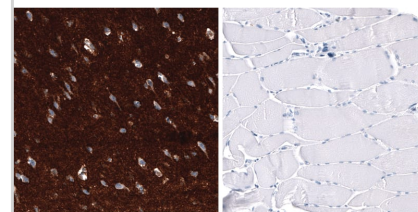
Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

Staining of human cerebellum shows moderate positivity in neuropil.

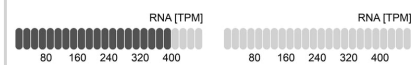


Analysis in human cerebral cortex and skeletal muscle tissues using NBP3-21183 antibody. Corresponding GAP43 RNA-seq data are presented for the same tissues.

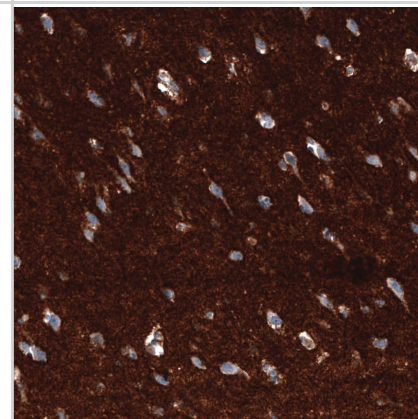


GAP43 in Cerebral cortex

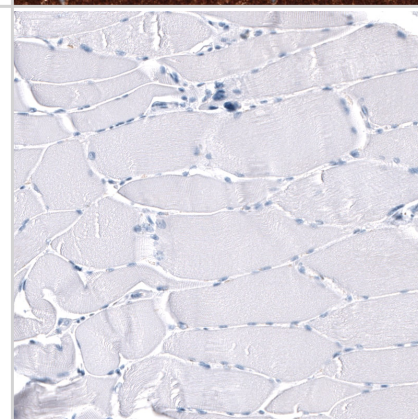
GAP43 in Skeletal muscle



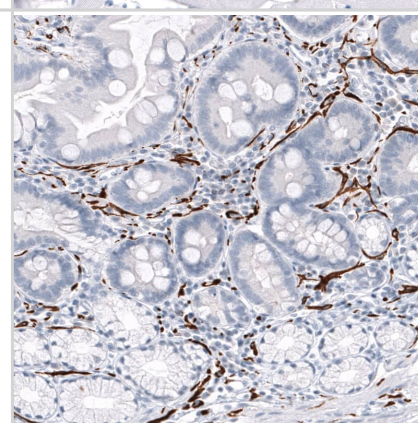
Staining of human cerebral cortex shows strong positivity in neuronal processes in neuropil.



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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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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