

# Product Datasheet

## GFAP Antibody - BSA Free

### NBP2-54748

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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Updated 9/9/2025 v.20.1

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**NBP2-54748**

GFAP Antibody - BSA Free

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	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2), 40% Glycerol
Target Molecular Weight	50 kDa

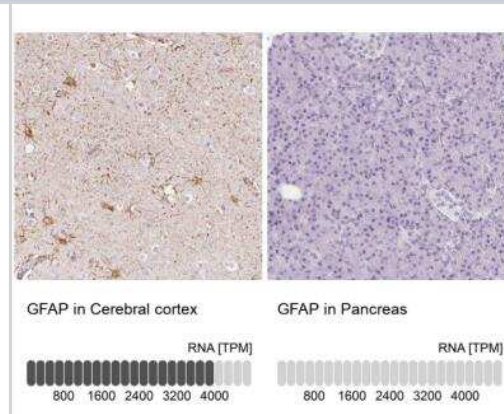
Product Description	
Description	Novus Biologicals Rabbit GFAP Antibody - BSA Free (NBP2-54748) is a polyclonal antibody validated for use in IHC. Anti-GFAP Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	2670
Gene Symbol	GFAP
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 32866544)
Immunogen	This GFAP antibody was developed against a Recombinant Protein corresponding to amino acids: NKALAAELNQLRAKEPTKLADVYQAE LRELRLRLDQLTANSARLEVERD

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:5000 - 1:10000, Immunohistochemistry-Paraffin 1:5000 - 1:10000
Application Notes	HC-P, Retrieval method: HIER pH6

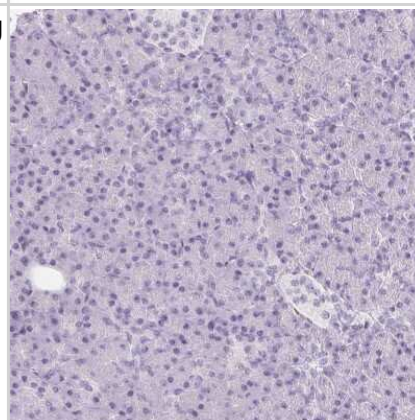


## Images

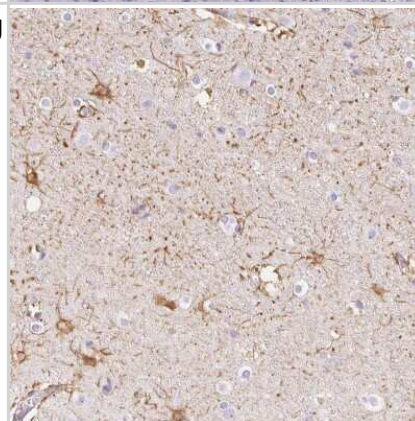
Immunohistochemistry-Paraffin: GFAP Antibody [NBP2-54748] - Analysis in human cerebral cortex and pancreas tissues using Anti-GFAP antibody. Corresponding GFAP RNA-seq data are presented for the same tissues.



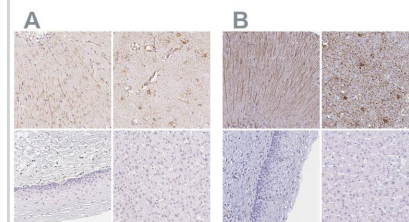
Immunohistochemistry-Paraffin: GFAP Antibody [NBP2-54748] - Staining of human pancreas shows low expression as expected.



Immunohistochemistry-Paraffin: GFAP Antibody [NBP2-54748] - Staining of human cerebral cortex shows high expression.



Staining of human cerebellum, cerebral cortex, cervix, uterine and liver using NBP2-54748 (A) shows similar protein distribution across tissues to independent antibody NBP2-33774 (B).



## Publications

Kuang XY, Ren Y, Chen C et al. Quantitative analysis for the differences in vasculogenic activity and sensitivity to angiogenic stimulants between human glioma cells and normal endothelial cells Brain Res. 2020-08-28 [PMID: 32866544] (IF/IHC, Mouse)



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### **Products Related to NBP2-54748**

NBP2-54748PEP	GFAP Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

### **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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