

# Product Datasheet

## GFAP Antibody (CL2713) - BSA Free NBP2-76477

Unit Size: 100 ul

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

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**NBP2-76477**

GFAP Antibody (CL2713) - 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>	CL2713
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS (pH 7.2), 40% Glycerol
<b>Target Molecular Weight</b>	50 kDa

**Product Description**

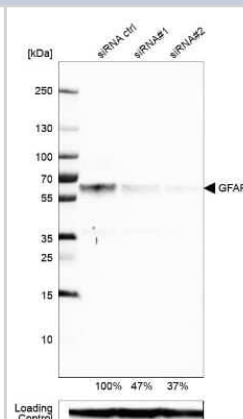
<b>Description</b>	Novus Biologicals Mouse GFAP Antibody (CL2713) - BSA Free (NBP2-76477) is a monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	2670
<b>Gene Symbol</b>	GFAP
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	This antibody was developed using a recombinant protein derived from P14136, with the exact immunogen sequence remaining proprietary.

**Product Application Details**

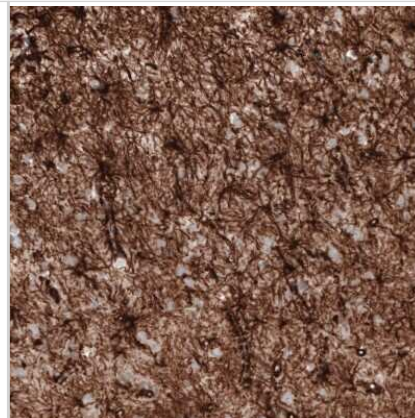
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Knockdown Validated
<b>Recommended Dilutions</b>	Western Blot 1 ug/mL, Immunohistochemistry 1:5000 - 1:10000, Immunohistochemistry-Paraffin 1:5000 - 1:10000, Knockdown Validated
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

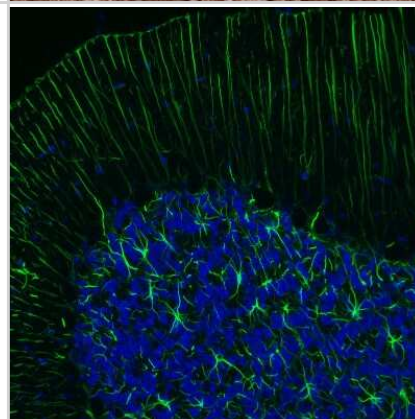
Western Blot: GFAP Antibody (CL2713) [NBP2-76477] - Analysis in U-87MG ATCC cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-GFAP antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



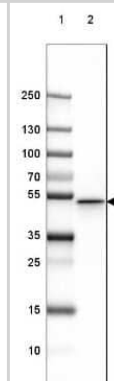
Immunohistochemistry-Paraffin: GFAP Antibody (CL2713) [NBP2-76477]  
 - Staining of human cerebral cortex shows strong cytoplasmic positivity in astrocytes.



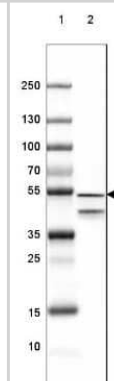
Immunohistochemistry-Paraffin: GFAP Antibody (CL2713) [NBP2-76477]  
 - Staining of rat brain shows strong positivity in astrocytes in the cerebellum.



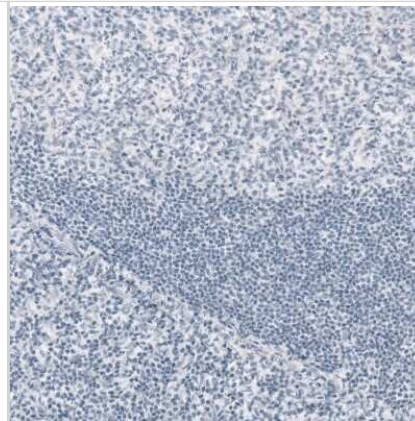
Western Blot: GFAP Antibody (CL2713) [NBP2-76477] - Lane 1: Marker [kDa] 250, 130, 100, 70, 55, 35, 25, 15, 10. Lane 2: Mouse Cerebral Cortex tissue.



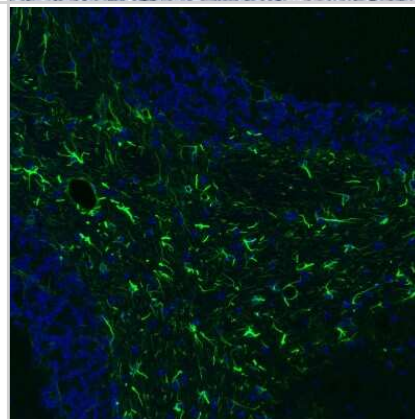
Western Blot: GFAP Antibody (CL2713) [NBP2-76477] - Lane 1: Marker [kDa] 250, 130, 100, 70, 55, 35, 25, 15, 10. Lane 2: Human Cerebral Cortex tissue.



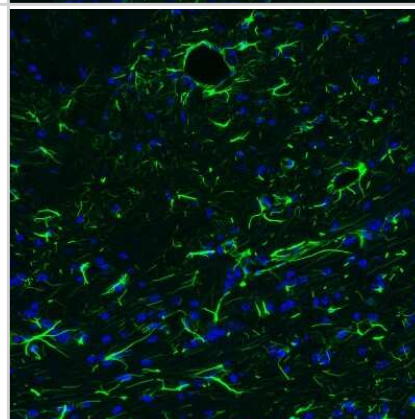
Immunohistochemistry-Paraffin: GFAP Antibody (CL2713) [NBP2-76477]  
- Staining of human tonsil shows no positivity in lymphoid cells as expected.



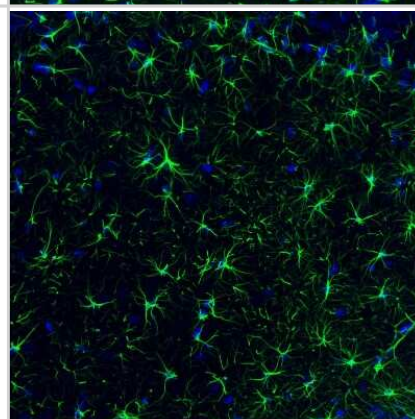
Immunohistochemistry-Paraffin: GFAP Antibody (CL2713) [NBP2-76477]  
- Staining of mouse brain shows strong positivity in astrocytes in the cerebellum.



Immunohistochemistry-Paraffin: GFAP Antibody (CL2713) [NBP2-76477]  
- Staining of mouse brain shows strong positivity in astrocytes in the brainstem.



Immunohistochemistry-Paraffin: GFAP Antibody (CL2713) [NBP2-76477]  
- Staining of rat brain shows strong positivity in astrocytes in the hippocampus.





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### **Products Related to NBP2-76477**

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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)
H00002670-Q01-10ug	Recombinant Human GFAP GST (N-Term) 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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