

# Product Datasheet

## S100B Antibody (CL2720) - BSA Free NBP2-46626

Unit Size: 0.1 ml

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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**NBP2-46626**

S100B Antibody (CL2720) - BSA Free

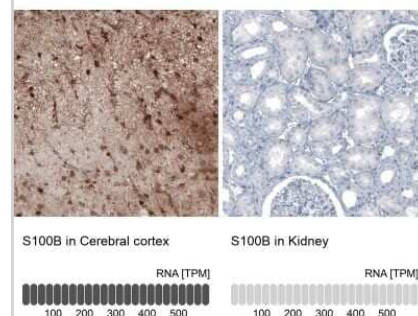
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL2720
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Mouse
Gene ID	6285
Gene Symbol	S100B
Species	Human, Mouse, Rat
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions
Immunogen	This antibody was developed using a recombinant protein derived from P04271, with the exact immunogen sequence remaining proprietary.

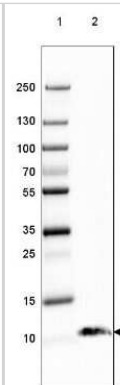
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500-1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

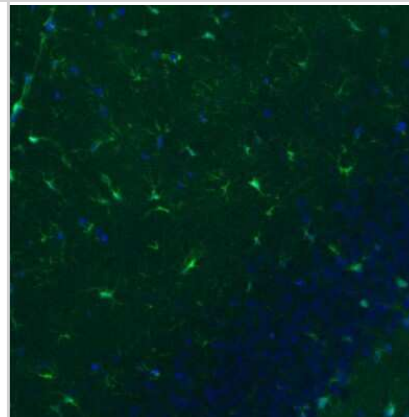
Immunohistochemistry-Paraffin: S100B Antibody (CL2720) [NBP2-46626] - Staining in human cerebral cortex and kidney tissues. Corresponding S100B RNA-seq data are presented for the same tissues.



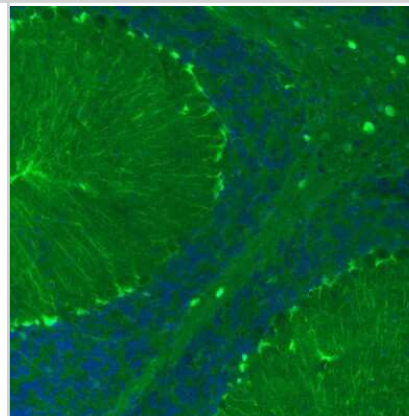
Western Blot: S100B Antibody (CL2720) [NBP2-46626] - Lane 1: Marker [kDa] 250, 130, 100, 70, 55, 35, 25, 15, 10. Lane 2: Human Cerebral Cortex tissue



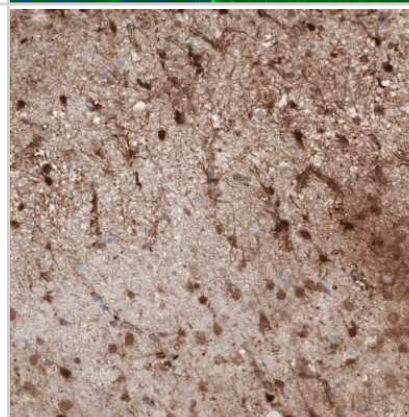
Immunohistochemistry: S100B Antibody (CL2720) [NBP2-46626] - Staining of rat brain shows moderate positivity in astrocytes in the hippocampus.



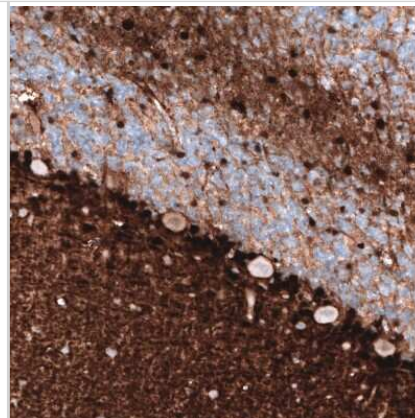
Immunohistochemistry: S100B Antibody (CL2720) [NBP2-46626] - Staining of mouse brain shows moderate positivity in the cerebellum.



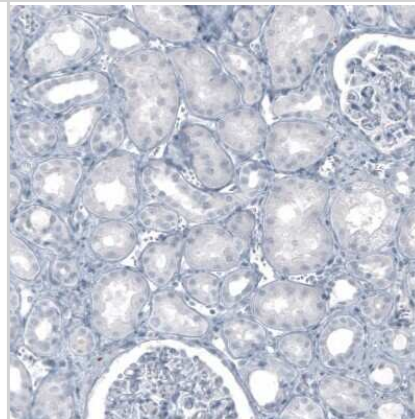
Immunohistochemistry-Paraffin: S100B Antibody (CL2720) [NBP2-46626] - Staining of human cerebral cortex shows moderate nuclear positivity in astrocytes.



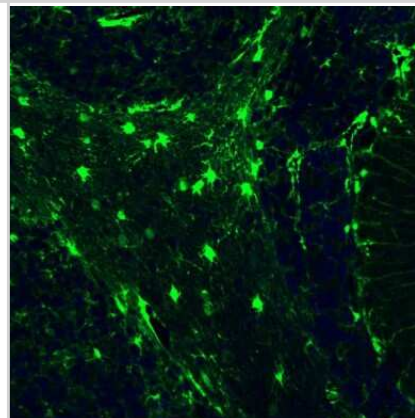
Immunohistochemistry-Paraffin: S100B Antibody (CL2720) [NBP2-46626] - Staining of human cerebellum shows strong nuclear positivity in glial cells.



Immunohistochemistry-Paraffin: S100B Antibody (CL2720) [NBP2-46626] - Staining of human kidney shows no nuclear positivity as expected.



Immunohistochemistry: S100B Antibody (CL2720) [NBP2-46626] - Staining of rat brain shows strong positivity in glial cells in the cerebellum.





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### **Products Related to NBP2-46626**

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NBP2-46626PEP	S100B Recombinant Protein Antigen
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)

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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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