

Product Datasheet

S100B Antibody (CL2720) - Azide and BSA Free NBP3-43801

Unit Size: 100 ug

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

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Updated 3/13/2025 v.20.1

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NBP3-43801

S100B Antibody (CL2720) - Azide and BSA Free

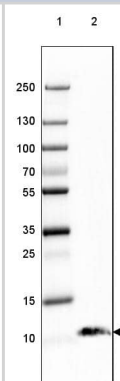
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL2720
Preservative	No Preservative
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml.
Isotype	IgG1
Purity	Protein A purified
Buffer	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

Product Description	
Host	Mouse
Gene ID	6285
Gene Symbol	S100B
Species	Human, Mouse, Rat
Immunogen	This antibody was generated using a recombinant protein sequence of P04271, with the exact immunogen sequence remaining proprietary.

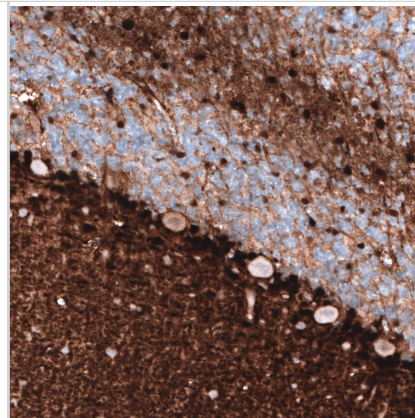
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

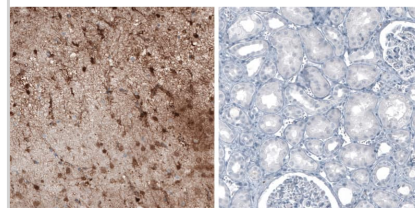
Lane 1: Marker [kDa] 250, 130, 100, 70, 55, 35, 25, 15, 10
 Lane 2: Human Cerebral Cortex tissue



Staining of human cerebellum shows strong nuclear positivity in glial cells.

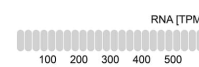
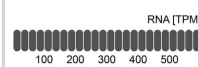


Analysis in human cerebral cortex and kidney tissues using NBP3-43801 antibody. Corresponding S100B RNA-seq data are presented for the same tissues.

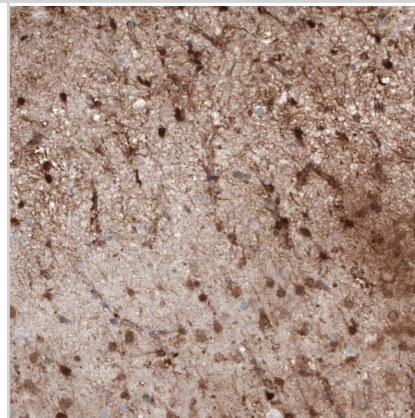


S100B in Cerebral cortex

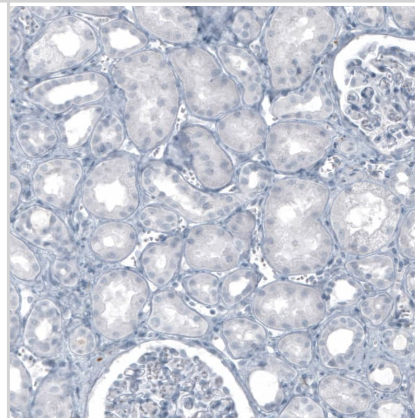
S100B in Kidney



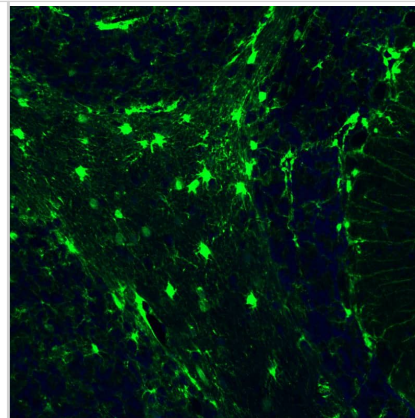
Staining of human cerebral cortex shows moderate nuclear positivity in astrocytes.



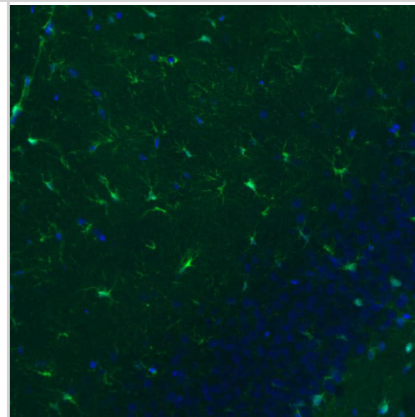
Staining of human kidney shows no nuclear positivity as expected.



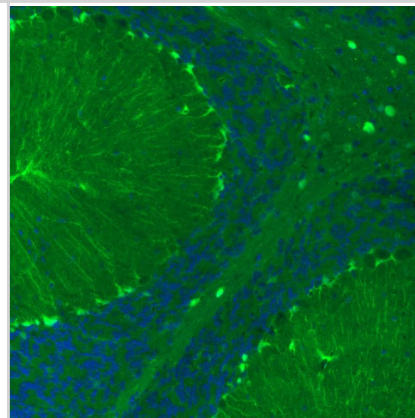
Staining of rat brain shows strong positivity in glial cells in the cerebellum.



Staining of rat brain shows moderate positivity in astrocytes in the hippocampus.



Staining of mouse brain shows moderate positivity in the cerebellum.





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Products Related to NBP3-43801

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)
NBP3-07106-5ug	Recombinant Human S100B Protein

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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