

# Product Datasheet

## CARS Antibody (CL2309) - Azide and BSA Free NBP3-44482

Unit Size: 100 ug

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

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**NBP3-44482**

CARS Antibody (CL2309) - Azide and BSA Free

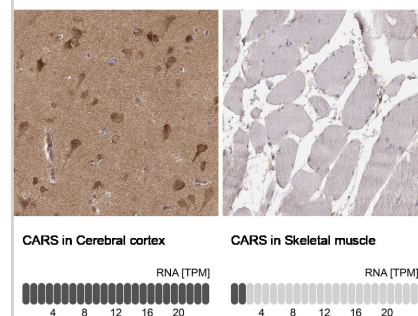
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL2309
Preservative	No Preservative
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml.
Isotype	IgG2b
Purity	Protein A purified
Buffer	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

Product Description	
Host	Mouse
Gene ID	833
Gene Symbol	CARS
Species	Human
Immunogen	This antibody was generated using a recombinant protein sequence of A8MVQ3, with the exact immunogen sequence remaining proprietary.

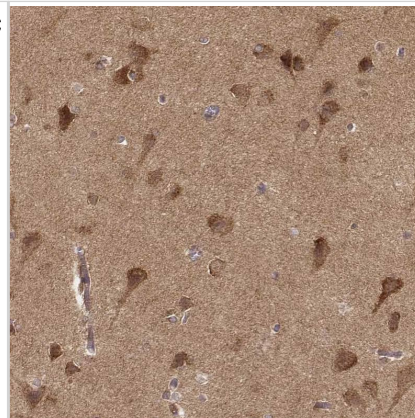
Product Application Details	
Applications	Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry-Paraffin 1:2500 - 1:5000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

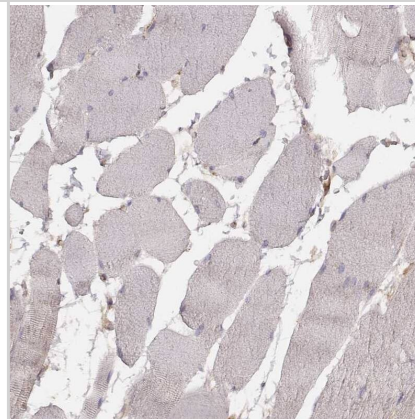
Analysis in human cerebral cortex and skeletal muscle tissues using NBP3-44482 antibody. Corresponding CARS RNA-seq data are presented for the same tissues.



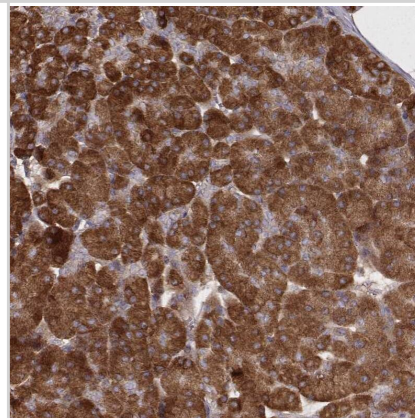
Staining of human cerebral cortex shows moderate to strong cytoplasmic positivity in neurons.



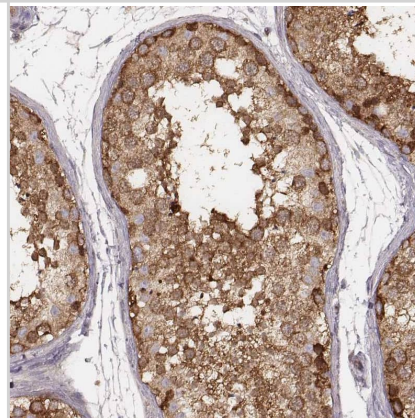
Staining of human skeletal muscle shows no positivity in myocytes as expected.



Staining of human pancreas shows strong cytoplasmic positivity in exocrine glandular cells.



Staining of human testis shows moderate to strong cytoplasmic positivity in cells in seminiferous ducts.





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### **Products Related to NBP3-44482**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)
H00000833-P01-10ug	Recombinant Human CARS 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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