

# Product Datasheet

## Carbonic Anhydrase II/CA2 Antibody (001) - Azide and BSA Free NBP2-89522-100ul

Unit Size: 100 ul

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

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**NBP2-89522-100ul**

Carbonic Anhydrase II/CA2 Antibody (001) - Azide and BSA Free

Product Information	
Unit Size	100 ul
Concentration	Please see the 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	001
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	0.2 um filtered solution in PBS

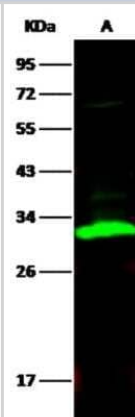
Product Description	
Description	This antibody can be stored at 2C-8C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20C to -80C. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Gene ID	760
Gene Symbol	CA2
Species	Human
Immunogen	This antibody was obtained from a rabbit immunized with purified, recombinant Human Carbonic Anhydrase II/CA2 (Accession#: NP_000058.1; Met1-Lys260).

Product Application Details	
Applications	Western Blot, Immunoprecipitation
Recommended Dilutions	Western Blot 1:10000-1:50000, Immunoprecipitation 1-4 uL/mg of lysate

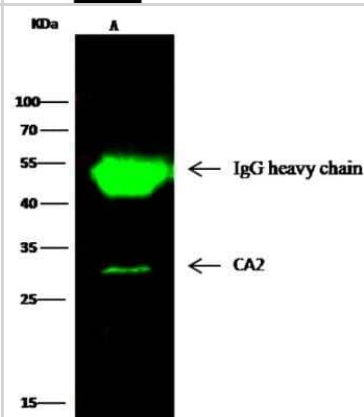


## Images

Western Blot: Carbonic Anhydrase II/CA2 Antibody (001) [NBP2-89522]  
 - Lane A: 293T Whole Cell Lysate Lysates/proteins at 30 ug per lane.  
 Secondary Goat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution.  
 Developed using the Odyssey technique. Performed under reducing  
 conditions. Predicted band size:29 kDa Observed band size:30 kDa



Immunoprecipitation: Carbonic Anhydrase II/CA2 Antibody (001) [NBP2-89522] - Lane A:0.5 mg 293T Whole Cell Lysate 2 uL anti-CA2 rabbit monoclonal antibody and 15 ul of 50 % Protein G agarose. Primary antibody: Anti-CA2 rabbit monoclonal antibody, at 1:2000 dilution  
 Secondary antibody: Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution Developed using the odssey technique. Performed under reducing conditions. Predicted band size: 29 kDa Observed band size: 29 kDa



## Publications

Alfredo Torres, M. Angélica Michea, Ákos Végvári, Marion Arce, Valentina Pérez, Marcela Alcota, Alicia Morales, Rolando Vernal, Mauricio Budini, Roman A. Zubarev, Fermín E. González A multi-platform analysis of human gingival crevicular fluid reveals ferroptosis as a relevant regulated cell death mechanism during the clinical progression of periodontitis International Journal of Oral Science 2024-05-27 [PMID: 38802345]



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### **Products Related to NBP2-89522-100ul**

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-52240-0.02mg	Recombinant E. coli Carbonic Anhydrase II/CA2 His 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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