

# Product Datasheet

## Carbonic Anhydrase I/CA1 Antibody - BSA Free NB120-6618-0.2ml

Unit Size: 0.2 ml

Store at -20C. Avoid freeze-thaw cycles.

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**NB120-6618-0.2ml**

Carbonic Anhydrase I/CA1 Antibody - BSA Free

| Product Information         |  |
|-----------------------------|--|
| Unit Size                   | 0.2 ml   |
| Concentration               | Please see the vial label for concentration. If unlisted please contact technical services.  |
| Storage                     | Store at -20C. Avoid freeze-thaw cycles.   |
| Clonality                   | Polyclonal   |
| Preservative                | 0.01% Sodium Azide   |
| Isotype                     | Serum  |
| Purity                      | Delipidation and Defibrination   |
| Buffer                      | 0.01 M Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2  |
| Product Description         |  |
| Description                 | <p>This product was prepared from monospecific antiserum by a delipidation and defibrination. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-goat serum, purified and partially purified Carbonic Anhydrase I [Human Erythrocytes]</p> <p>Store vial at 4C prior to restoration. For extended storage aliquot contents and freeze at -20C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.</p> |
| Host                        | Goat   |
| Gene ID                     | 759  |
| Gene Symbol                 | CA1  |
| Species                     | Human  |
| Reactivity Notes            | Cross reactivity against Carbonic Anhydrase I/CA1 from other tissues and species may occur but have not been specifically determined.  |
| Specificity/Sensitivity     | Cross reactivity against Carbonic Anhydrase I/CA1 from other tissues and species may occur but have not been specifically determined.  |
| Immunogen                   | Carbonic Anhydrase I/CA1/CA1 [Human Erythrocytes] (Uniprot: P00915)  |
| Product Application Details |  |
| Applications                | Western Blot, ELISA  |
| Recommended Dilutions       | Western Blot 1:2000-1:10000, ELISA 1:20000-1:100000  |
| Application Notes           | This product has been assayed against 1.0 ug of Carbonic Anhydrase I [Human Erythrocytes] in a standard ELISA using Peroxidase conjugated Affinity Purified anti-Goat IgG [H&L] (Rabbit) and (ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:1,000 to 1:5,000 is suggested for this product.  |





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### **Products Related to NB120-6618-0.2ml**

|               |  |
|---------------|--|
| NBL1-08609    | Carbonic Anhydrase I/CA1 Overexpression Lysate                         |
| HAF017        | Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)] |
| HAF109        | Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)] |
| NBP1-88191PEP | Carbonic Anhydrase I/CA1 Recombinant Protein Antigen                   |

### **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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