

Product Datasheet

Carbonic Anhydrase I/CA1 Antibody [HRP] NB600-942-0.1mg

Unit Size: 0.1 mg

Store lyophilized antibody at 4C in the dark. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.

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NB600-942-0.1mg

Carbonic Anhydrase I/CA1 Antibody [HRP]

Product Information	
Unit Size	0.1 mg
Concentration	LYOPH mg/ml
Storage	Store lyophilized antibody at 4C in the dark. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Gentamicin Sulfate
Reconstitution Instructions	Reconstitute with 100 ul deionized water (or equivalent)
Isotype	IgG
Conjugate	HRP
Purity	Multi-step
Buffer	Lyophilized from 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free

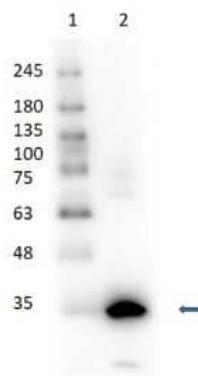
Product Description	
Description	<p>Store vial at 4C prior to restoration. For extended storage aliquot contents and freeze at -20C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.</p> <p>Carbonic Anhydrase I is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Goat Serum as well as purified and partially purified Carbonic Anhydrase I [Human Erythrocytes]</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, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:1000-1:5000, ELISA 1:5000-1:20000, Immunohistochemistry 1:500-1:2500, Immunohistochemistry-Paraffin 1:10-1:500
Application Notes	<p>This product is tested by ELISA and western blot and useful in immunohistochemistry. Optimal titers should be obtained by researchers.</p> <p>NOTE: Do NOT add Sodium Azide (it inhibits HRP irreversibly).</p>

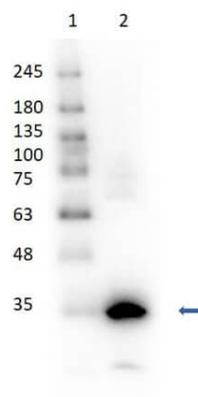


Images

Western Blot: Carbonic Anhydrase I/CA1 Antibody [HRP] [NB600-942] - Western Blot of Goat Carbonic Anhydrase I/CA1/CA1 antibody [HRP]. Lane 1: Opal Prestained Molecular Weight. Lane 2: Carbonic Anhydrase I/CA1 [10ug]. Primary antibody: Anti-Carbonic Anhydrase I/CA1 HRP Antibody at 1:1000 for 1 hr at RT. Secondary antibody: Streptavidin-HRP antibody at 1:40,000 for 30mins at RT. Blocking buffer
Predicted/Observed size: ~29kDa.



Western Blot of Carbonic Anhydrase I/CA1 Antibody [HRP]. Lane 1: Opal Prestained Molecular Weight





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Products Related to NB600-942-0.1mg

NBL1-08609	Carbonic Anhydrase I/CA1 Overexpression Lysate
NBP1-96886	Goat IgG Isotype Control [HRP]
NBP1-88191PEP	Carbonic Anhydrase I/CA1 Recombinant Protein Antigen
DBD00	BDNF [HRP]

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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