

Product Datasheet

Carbonic Anhydrase I/CA1 Antibody [Biotin] NBP1-77740-0.1mg

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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NBP1-77740-0.1mg

Carbonic Anhydrase I/CA1 Antibody [Biotin]

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% Sodium Azide
Reconstitution Instructions	Reconstitute with 100 ul deionized water (or equivalent)
Isotype	IgG
Conjugate	Biotin
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

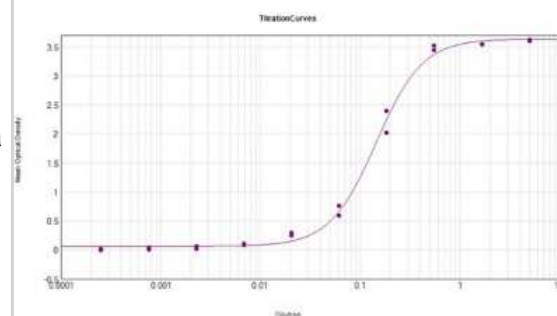
Product Description	
Description	<p>Store vial at 4C prior to restoration. For extended storage aliquot contents and freeze at -20C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.</p> <p>This antibody (GOAT) Antibody 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-Biotin, 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
Recommended Dilutions	Western Blot 1:2000 - 1:10000, ELISA 1:20000 - 1:100000
Application Notes	This product has been tested by ELISA and western blot. This product is assayed against 1.0 ug of Carbonic Anhydrase I in a standard capture ELISA using Peroxidase Conjugated Streptavidin and ABTS (2,2'-azino-bis-[3-ethylbenthiiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:4,000 to 1:20,000 of the reconstitution concentration is suggested for this product. Specific conditions should be optimized by researcher.



Images

ELISA: Carbonic Anhydrase I/CA1 Antibody [Biotin] [NBP1-77740] - ELISA Results of Goat Carbonic Anhydrase I/CA1/CA1 antibody [Biotin] tested against purified Carbonic Anhydrase I/CA1 Biotin. Each well was coated in duplicate with 1.0 ug of Carbonic Anhydrase I/CA1. The working dilution is 1:6900. The starting dilution of antibody was 5ug/ml and the X-axis represents the Log10 of a 3-fold dilution. This titration is a 4-parameter curve fit where the IC50 is defined as the titer of the antibody. Assay performed using HRP Conjugate Stabilizer, Streptavidin-HRP conjugated, and TMB substrate.





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Products Related to NBP1-77740-0.1mg

NBP2-29370	Streptavidin Native Protein
BAF108	Goat IgG Isotype Control [Biotin]
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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