

Product Datasheet

CRASP-2 Antibody NBP2-21651

Unit Size: 0.1 mg

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

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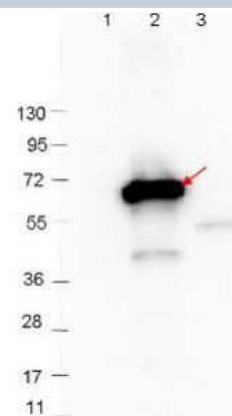
NBP2-21651**CRASP-2 Antibody**

Product Information	
Unit Size	0.1 mg
Concentration	LYOPH mg/ml
Storage	Store lyophilized antibody at 4C. 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
Purity	Protein A purified
Buffer	Lyophilized from 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Product Description	
Description	<p>This product was Protein-A purified and cross-adsorbed against MBP from monospecific antiserum by chromatography</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	Rabbit
Gene ID	1194149
Species	Bacteria
Reactivity Notes	A BLAST analysis was used to suggest reactivity with CRASP-2-2 from <i>B. burgdorferi</i> sources based on 100% homology with the immunizing sequence. Partial cross-reactivity is expected against <i>B. garinii</i> , <i>B. spielmanii</i> , and <i>valaisiana</i> sources based on 91-89% homology. Cross-reactivity with CRASP-2-2 from other sources has not been determined.
Immunogen	MBP-fusion protein corresponding to <i>Borrelia burgdorferi</i> CRASP-2 protein. (Uniprot: O50665)
Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 1:1000, ELISA 1:2000
Application Notes	This protein-A purified antibody has been tested for use in ELISA and Western blotting. Specific conditions for reactivity should be optimized by the user. Expect a band approximately 25.4 kDa in size corresponding to <i>Borrelia burgdorferi</i> CRASP-2 protein by Western blotting in the appropriate cell lysate or extract.



Images

Western Blot: CRASP-2 Antibody [NBP2-21651] - Detection of 0.1 ug of recombinant CRASP-2 protein. Lane 1: Molecular weight markers. Lane 2: MBP-CRASP-2 fusion protein. Lane 3: MBP alone. Protein was run on a 4-20% gel, then transferred to 0.45 um nitrocellulose. After blocking with 1% BSA-TTBS overnight at 4C, primary antibody was used at 1:1000 at room temperature for 30 min. HRP-conjugated Goat-Anti-Rabbit secondary antibody was used at 1:40,000 in Blocking Buffer and imaged on the 4000 imaging system.





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Products Related to NBP2-21651

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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