

Product Datasheet

ErpN/OspE Antibody - BSA Free NBP2-21682

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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NBP2-21682

ErpN/OspE Antibody - BSA Free

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	1194664
Species	Bacteria
Reactivity Notes	Reactive with ErpN/OspE from <i>Borrelia burgdorferi</i> . Reactivity with ErpN/OspE protein from other sources has not been determined
Specificity/Sensitivity	It is directed against, and shows specific reactivity for, <i>Borrelia burgdorferi</i> OspE protein.
Immunogen	MBP-fusion protein corresponding to <i>Borrelia burgdorferi</i> ErpN/OspE protein. (Uniprot: H7C7N5)
Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 1:1000, ELISA 1:5000
Application Notes	This product has been tested in ELSIA and Western Blot. Specific conditions for reactivity should be optimized by the end user. Expect a band at 17.1 kDa in size corresponding to ErpN/OspE by Western blotting in the appropriate cell lysate or extract.

Images

Western Blot: ErpN/OspE Antibody [NBP2-21682] - Lane 1: Molecular weight markers. Lane 2: MBP-ErpN/OspE fusion protein. Lane 3: fusion protein plus cleaved fusion proteins. Lane 4: MBP alone. The lower bands are probably breakdown products. The upper bands in Lane 3 are fusion protein, or breakdown products of the fusion protein. 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 NBP2-21682

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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