

Borrelia burgdorferi Dbp-A antibody

Cat. No. GTX48809

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ELISA
Reactivity	Borrelia burgdorferi

Package

50 µg

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:1000
ELISA	1:5000

Not tested in other applications.

Calculated MW 21 kDa. ([Note](#))

Properties

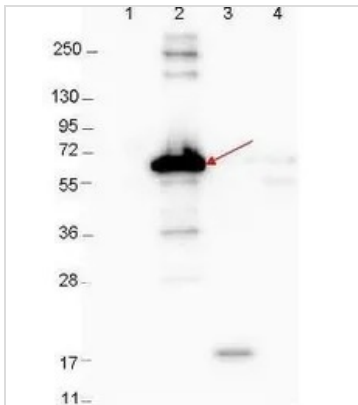
Form	Liquid
Buffer	20mM Potassium Phosphate, 150mM NaCl
Preservative	0.01% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	MBP-fusion protein corresponding to Borrelia burgdorferi Dbp-A protein.
Purification	Protein A purified From serum
Conjugation	Unconjugated

Note

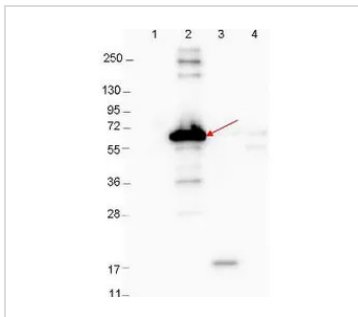
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DATA IMAGES

GTX48809 WB Image

Western blot showing detection of 0.1 µg recombinant proteins in western blot. Lane 1: Molecular weight markers. Lane 2: MBP-DbpA fusion protein (arrow; expected MW: 60.9 kDa). Lane 3: DbpA, MBP removed by TEV cleavage. Lane 4: MBP alone. Protein was run on a 4-20% gel, then transferred to 0.45 µm nitrocellulose. After blocking with 1% BSA-TTBS overnight at 4°C, 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 VersaDoc MP 4000 imaging system (Bio-Rad).


GTX48809 WB Image

WB analysis of various samples using GTX48809 *Borrelia burgdorferi* Dbp-A antibody.

Lane 1 : Protein ladder

Lane 2 : MBP-Dbp-A fusion protein

Lane 3 : Dbp-A protein

Lane 4 : MBP

Loading : 0.1 µg

Dilution : 1:1000



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