

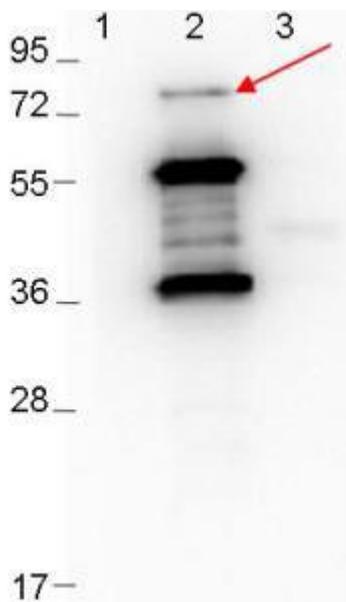
## Antibody Datasheet

<b>Product Name:</b>	Rabbit anti <i>Borrelia burgdorferi</i> ErpD/Arp37
<b>Product:</b>	Purified rabbit anti ErpD/Arp37 antibody, unconjugated
<b>Product Type:</b>	Polyclonal
<b>Isotype:</b>	Rabbit IgG
<b>Product code:</b>	PAB21451-100
<b>Batch Number:</b>	R001218
<b>Amount:</b>	0.1 ml (1.0 mg/mL by UV absorbance at 280 nm)
<b>Physical State:</b>	Lyophilized
<b>Buffer:</b>	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
<b>Reconstitution Vol:</b>	100 µL
<b>Reconstitution Buffer:</b>	Deionized water (or equivalent)
<b>Preservative:</b>	0.01% (w/v) Sodium Azide
<b>Immunogen:</b>	Recombinant MBP tagged <i>B. burgdorferi</i> ErpD/Arp37 protein
<b>Purification:</b>	Protein-A purified and cross-adsorbed against MBP from monospecific antiserum by chromatography
<b>Specificity:</b>	This antibody is directed against, and shows specific reactivity for <i>Borrelia burgdorferi</i> ErpD protein. Reactivity with ErpD/Arp37 protein from other sources has not been determined.



**Storage:**

Store at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. Antibody is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.



Western Blot showing detection of 0.1 µg recombinant protein in western blot. Lane 1: Molecular weight markers. Lane 2: MBP-ErpD/Arp37 fusion proteins (arrow: expected MW of major band: 73.3 kDa). Lane 3: 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).