

Datasheet for ABIN5624618

YBX1 Protein**1** Image[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	YBX1
Origin:	Borrelia burgdorferi
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	Western Blotting (WB), ELISA

Product Details

Purification:	DbpB is a fusion protein synthesized with an MBP tag and was expressed in E.coli. Analysis by SDS-PAGE resulted in a pattern consistent with purified DbdB and was estimated to be greater than 95% pure.
Sterility:	Sterile filtered

Target Details

Target:	YBX1
Alternative Name:	DbpB (YBX1 Products)
Gene ID:	1194341
UniProt:	O50918
Pathways:	Regulation of Muscle Cell Differentiation

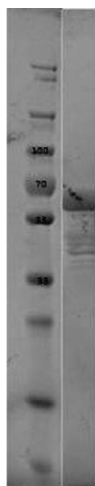
Application Details

Application Notes:	Application Note: DbpB is suitable as a control in immunological assays. Specific conditions for reactivity should be optimized by the end user. Expect bands at 60.3 kDa for DbpB-MBP, (17.9 kDa for DbpB and 42.4 kDa for MBP) in size corresponding to DbpB by Western blotting in the appropriate cell lysate or extract. Western Blot Dilution: User Optimized ELISA Dilution: User Optimized
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Concentration:	1.0 mg/mL
Buffer:	Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 Stabilizer: None
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. Dilute only prior to immediate use.
Expiry Date:	6 months



SDS-PAGE

Image 1. SDS-PAGE of DbpB Control Protein. Lane 1: Molecular Weight Marker. Lane 2: DbpB Control Protein. Load: 10 μ l at 1:2 dilution. Predicted/Observed size: 72.7 kDa fusion protein, 30.3 kDa for DbpB, 42.4 kDa for MBP alone.