






## Product datasheet

### Anti-BOB1 antibody ab3426

[2 References](#) [1 Image](#)

#### Overview

<b>Product name</b>	Anti-BOB1 antibody
<b>Description</b>	Goat polyclonal to BOB1
<b>Host species</b>	Goat
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse <b>Predicted to work with:</b> Human 
<b>Immunogen</b>	Synthetic peptide: DAYALNHTLSVEGF, corresponding to C terminal amino acids 243-256 of Human BOB1. <a href="#"> Run BLAST with </a> <a href="#"> Run BLAST with </a>
<b>Positive control</b>	Mouse spleen lysate.
<b>General notes</b>	<p>Principal Names – POU2AF1; BOB1; OBF1; OCAB; OBF-1; POU domain, class 2, associating factor 1. Official Gene Symbol - POU2AF1. GenBank Accession Number – NP_006226. LocusLink ID - 5450 (human); 18985 (mouse). Gene Ontology terms - transcription cofactor activity; transcription co-activator activity; transcription activating factor; humoral immune response; transcription from Pol II promoter.</p> <p>Abcam has not and does not intend to apply for the REACH Authorisation of customers' uses of products that contain European Authorisation list (Annex XIV) substances. It is the responsibility of our customers to check the necessity of application of REACH Authorisation, and any other relevant authorisations, for their intended uses.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

#### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw

	cycles.
<b>Storage buffer</b>	pH: 7.30 Constituents: 3% Sodium deoxycholate, 3% Triton-X-100, 0.3% Tris HCl, 15% Sodium chloride
<b>Purification notes</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

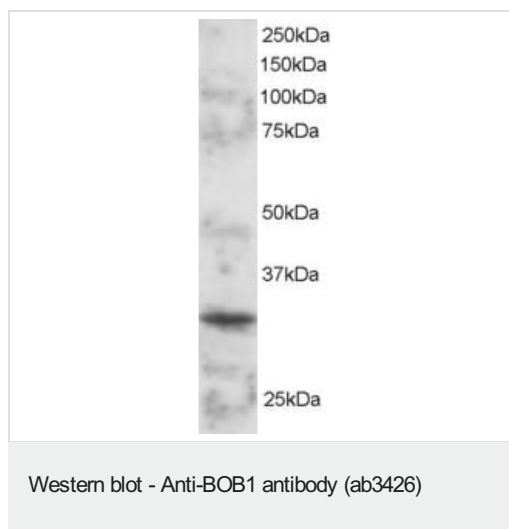
**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab3426 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
<b>WB</b>		Use a concentration of 1 - 3 µg/ml. Detects a band of approximately 30 kDa (predicted molecular weight: 28 kDa). A 1 hour primary incubation is recommended for this product. Detects a band of approximately 30 kDa in Mouse Spleen lysate.

## Target

<b>Function</b>	Transcriptional coactivator that specifically associates with either OCT1 or OCT2. It boosts the OCT1 mediated promoter activity and to a lesser extent, that of OCT2. It has no intrinsic DNA-binding activity. It recognizes the POU domains of OCT1 and OCT2. It is essential for the response of B-cells to antigens and required for the formation of germinal centers.
<b>Tissue specificity</b>	B-cell specific.
<b>Involvement in disease</b>	Note=A chromosomal aberration involving POU2AF1/OBF1 may be a cause of a form of B-cell leukemia. Translocation t(3;11)(q27;q23) with BCL6.
<b>Sequence similarities</b>	Belongs to the POU2AF1 family.
<b>Post-translational modifications</b>	Ubiquitinated; mediated by SIAH1 or SIAH2 and leading to its subsequent proteasomal degradation.
<b>Cellular localization</b>	Nucleus.

## Images



ab3426 at a 1µg/ml concentration staining Bob 1 in mouse spleen lysate (RIPA buffer, 30 µg total protein per lane, 1 hour incubation) by Western blot (ECL). ab3426 at a 1µg/ml concentration staining Bob 1 in mouse spleen lysate (RIPA buffer, 30 µg total protein per lane, 1 hour incubation) by Western blot (ECL).

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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