

**BOB1 Antibody**  
Rabbit mAb  
Catalog # AP92177

## Specification

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### BOB1 Antibody - Product Information

Application **WB, IHC, FC, ICC**  
Primary Accession [O16633](#)  
Clonality **Monoclonal**  
**Other Names**  
BOB 1; OBF1; OCAB; OCT binding factor 1; Pou2af1;

Isotype **Rabbit IgG**  
Host **Rabbit**  
Calculated MW **27436 Da**

### BOB1 Antibody - Additional Information

Purification **Affinity-chromatography**  
Immunogen **A synthesized peptide derived from human BOB1**  
Description **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.**  
Storage Condition and Buffer **Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.**

### BOB1 Antibody - Protein Information

Name **POU2AF1** ([HGNC:9211](#))

#### Function

Transcriptional coactivator that specifically associates with either POU2F1/OCT1 or POU2F2/OCT2 (PubMed:[7859290](http://www.uniprot.org/citations/7859290)). It boosts the POU2F1/OCT1 mediated promoter activity and to a lesser extent, that of POU2F2/OCT2 (PubMed:[7779176](http://www.uniprot.org/citations/7779176)). It recognizes the POU domains of POU2F1/OCT1 and POU2F2/OCT2 (PubMed:[7779176](http://www.uniprot.org/citations/7779176)). It is essential for the response of B-cells to antigens and required for the formation of germinal centers (PubMed:[7623806](http://www.uniprot.org/citations/7623806), PubMed:[7859290](http://www.uniprot.org/citations/7859290)). Regulates IL6 expression in B cells as POU2F2/OCT2 coactivator (By similarity).

### Cellular Location

Nucleus.

### Tissue Location

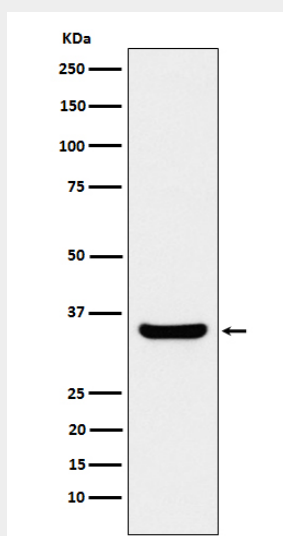
B-cell specific (PubMed:7779176, PubMed:7859290). Detected in mainly in spleen, but also in thymus, peripheral blood leukocyte and small intestine (PubMed:7779176, PubMed:7859290)

### BOB1 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### BOB1 Antibody - Images



Western blot analysis of BOB1 expression in Ramos cell lysate.