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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB05676 - Goat Anti-BOB1 / OCAB / OBF1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** BOB1, OBF1, POU2AF1, OBF-1, POU domain, class 2, associating factor 1, POU class 2 associating factor 1, OCAB

**Official Symbol:** POU2AF1

**Accession Number(s):** NP\_006226.2

**Human GeneID(s):** [5450](#)

**Non-Human GeneID(s):** 18985 (mouse)

### Immunogen

Peptide with sequence C-DAYALNHTLSVEGF, from the C Terminus of the protein sequence according to NP\_006226.2.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

### Applications Tested

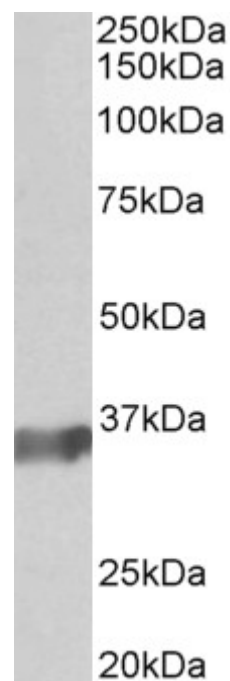
**Peptide ELISA:** antibody detection limit dilution 1:8000.

**Western blot:** Approx 30kDa band seen in mouse spleen lysate (Predicted MW of 28kDa according to NP\_006226). Recommended for use at 1-3µg/ml.

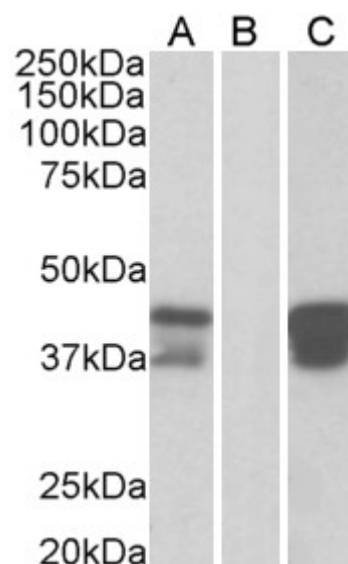
### Species Reactivity

**Tested:** Human, Mouse, Rat

**Expected from sequence similarity:** Human, Mouse, Rat, Dog, Cow



EB05676 (0.3 $\mu$ g/ml) staining of Human (A), Mouse (B) and Rat (C) Spleen lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



HEK293 lysate (10 $\mu$ g protein in RIPA buffer) overexpressing Human BOB1 with DYKDDDDK tag probed with EB05676(1 $\mu$ g/ml) in Lane A and probed with anti- DYKDDDDK Tag (1/3000) in lane C. Mock-transfected HEK293 probed with EB05676(1mg/ml) in Lane B. Primary incubations were for 1 hour. Detected by chemiluminescence.