

## Product datasheet for **TA806396S**

### **BOB1 (POU2AF1) Mouse Monoclonal Antibody [Clone ID: OTI1E11]**

#### **Product data:**

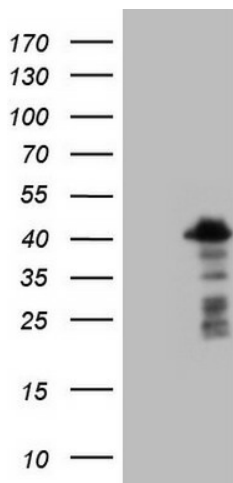
<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	OTI1E11
<b>Applications:</b>	WB
<b>Recommended Dilution:</b>	WB 1:500~2000
<b>Reactivity:</b>	Human, Mouse, Rat
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG1
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Full length human recombinant protein of human POU2AF1 (NP_006226) produced in HEK293T cell.
<b>Formulation:</b>	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
<b>Concentration:</b>	1 mg/ml
<b>Purification:</b>	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Predicted Protein Size:</b>	27.3 kDa
<b>Gene Name:</b>	POU class 2 associating factor 1
<b>Database Link:</b>	<a href="#">NP_006226</a> <a href="#">Entrez Gene 18985 Mouse</a> <a href="#">Entrez Gene 690528 Rat</a> <a href="#">Entrez Gene 5450 Human</a> <a href="#">Q16633</a>
<b>Background:</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. [UniProtKB/Swiss-Prot Function]



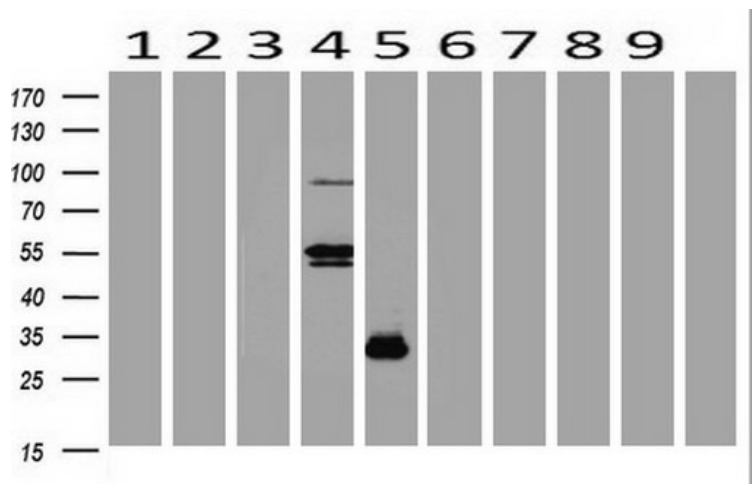
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Synonyms: BOB1; OBF-1; OBF1; OCAB

**Product images:**



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY POU2AF1 ([RC207562], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-POU2AF1 (1:2000). Positive lysates [LY416779] (100ug) and [LC416779] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (15ug) from 9 Human tissue by using anti-POU2AF1 monoclonal antibody (1: Testis; 2: Uterus; 3: Breast; 4: Brain; 5: Liver; 6: Ovary; 7: Thyroid gland; 8: colon;;9:Spleen) (1:500).