

ARG63236 anti-BOB1 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes BOB1
Tested Reactivity	Hu, Ms, Rat
Predict Reactivity	Cow, Dog
Tested Application	WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	BOB1
Species	Human
Immunogen	C-DAYALNHTLSVEGF
Conjugation	Un-conjugated
Alternate Names	POU domain class 2-associating factor 1; OCA-B; BOB-1; OCAB; OBF-1; OBF1; OCT-binding factor 1; B-cell-specific coactivator OBF-1; BOB1

Application Instructions

Application table	Application	Dilution
	WB	1 - 3 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

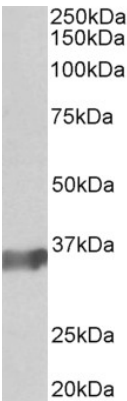
Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

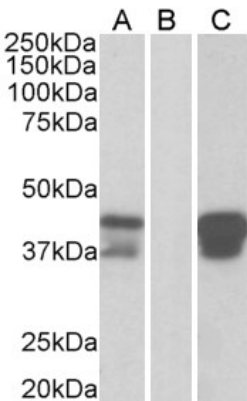
Database links	GeneID: 18985 Mouse GeneID: 5450 Human Swiss-port # Q16633 Human Swiss-port # Q64693 Mouse
Gene Symbol	POU2AF1
Gene Full Name	POU class 2 associating factor 1
Function	Transcriptional coactivator that specifically associates with either OCT1 or OCT2. It boosts the OCT1 mediated promoter 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. [UniProt]
Research Area	Gene Regulation antibody; Immune System antibody
Calculated Mw	27 kDa
PTM	Ubiquitinated; mediated by SIAH1 or SIAH2 and leading to its subsequent proteasomal degradation.

Images



ARG63236 anti-BOB1 antibody WB image

Western blot: 35 µg of Human (A), Mouse (B) and Rat (C) spleen lysates (in RIPA buffer) stained with ARG63236 anti-BOB1 antibody at 0.3 µg/ml dilution and incubated at RT for 1 hour.



ARG63236 anti-BOB1 antibody WB image

Western blot: HEK293 cells overexpressing Human BOB1 with DYKDDDDK tag. The blots were stained with ARG63236 anti-BOB1 antibody at 1 µg/ml dilution (A) and stained with anti-DYKDDDDK tag antibody at 1:3000 dilution (C). Mock-transfected HEK293 stained with ARG63236 anti-BOB1 antibody (B). All primary antibodies were incubated at RT for 1 hour.