

Rabbit anti-Mouse, Rat BOB1 Polyclonal Antibody | anti-POU2AF1 antibody

Anti-BOB1 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45028	Rabbit	Mouse, Rat	Immunohistochemistry, Western Blot

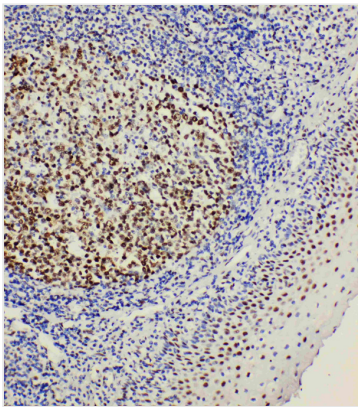
PRODUCT SYNONYMS

BOB1; Polyclonal Antibody; Anti-BOB1 antibody; POU domain class 2-associating factor 1; POU class 2 associating factor 1; B cell Oct binding protein 1 antibody; B cell specific coactivator OBF 1 antibody; B cell specific coactivator OBF1 antibody; B-cell-specific coactivator OBF-1 antibody; BOB 1 antibody; BOB-1 antibody; OBF 1 antibody; OBF1 antibody; OBF1_HUMAN antibody; OCA B antibody; OCA-B antibody; OCAB antibody; OCT binding factor 1 antibody; OCT-binding factor 1 antibody; POU domain class 2 associating factor 1 antibody; POU domain class 2-associating factor 1 antibody; POU2AF1 antibody; anti-POU2AF1 antibody

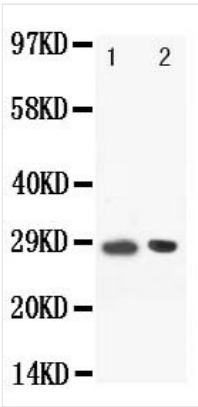
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	256
Applicable Applications for anti-POU2AF1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of mouse BOB1 (238-256aa EEEESNTYELNHTLSVEGF), different from the related rat sequence by one amino acid, and from human sequence by four amino acids.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Anti-BOB1 antibody, AAA45028, IHC(P)IHC(P): Rat Tonsil Tissue



WB (Western Blot)
Anti-BOB1 antibody, AAA45028, Western blottingLane: Rat Spleen Tissue Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-POU2AF1 antibody	Description: Rabbit IgG polyclonal antibody for POU domain class 2-associating factor 1(POU2AF1) detection. Tested with WB, IHC-P in Mouse, Rat. Background: POU2AF1(POU domain class 2-associating factor 1), also known as OBF1, BOB1 and OCAB, is a protein that in humans is encoded by the POU2AF1 gene. POU domain proteins contain a bipartite DNA-binding domain divided by a flexible linker that enables them to adopt various monomer configurations on DNA. The versatility of POU protein operation is additionally conferred at the dimerization level. Casellas et al.(2002) reported that OCAB is essential for V(D)J recombination of a subset of Ig-kappa genes. They showed that OCAB modulates recombination by directly enhancing Ig-kappa gene transcription in vivo. Siegel et al.(2006) suggested that, together with dysregulation of other OCAB target genes, altered regulation of SYK may help explain the magnitude of defects observed in B-cell development, including the pre-B1-to-pre-B2 transition, and immune responses in Ocab -/- mice.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	2842674
NCBI GeneID	18985
UniProt Accession #	Q64693
Molecular Weight	27,692 Da
NCBI Official Full Name	POU domain class 2-associating factor 1
NCBI Official Synonym Full Names	POU domain, class 2, associating factor 1
NCBI Official Symbol	Pou2af1
NCBI Official Synonym Symbols	Bob1; OCAB; BOB.1; Bob-1; OBF-1; OBF.1; OCA-B
NCBI Protein Information	POU domain class 2-associating factor 1; OCT-binding factor 1; B-cell-specific coactivator OBF-1
UniProt Protein Name	POU domain class 2-associating factor 1
UniProt Gene Name	Pou2af1
UniProt Synonym Gene Names	Obf-1; BOB1
UniProt Entry Name	OBF1_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.