

Rabbit anti-Human, Mouse BCL6 Polyclonal Antibody | anti-BCL6 antibody

BCL6 Antibody (Center)

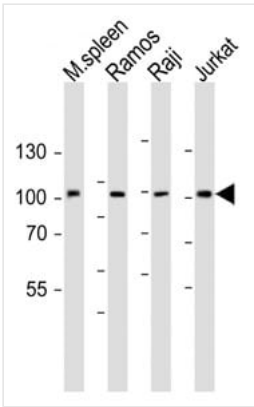
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290543	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

BCL6; Polyclonal Antibody; BCL6 Antibody (Center); B-cell lymphoma 5 protein; BCL-5; Protein LAZ-3; Zinc finger and BTB domain-containing protein 27; Zinc finger protein 51; BCL5; LAZ3; ZBTB27; ZNF51; anti-BCL6 antibody

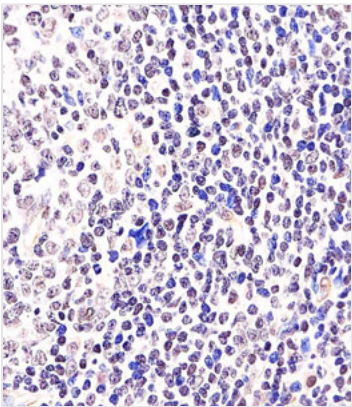
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	Ig
Specificity	This BCL6 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 364-395 amino acids from the Central region of human BCL6.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Length	706
Applicable Applications for anti-BCL6 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Cellular Location	Nucleus
Tissue Location	Expressed in germinal center T- and B-cells and in primary immature dendritic cells
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)

All lanes : Anti-BCL6 Antibody (Center) at 1:1000 dilution
Lane 1: mouse spleen lysate
Lane 2: Ramos whole cell lysate
Lane 3: Raji whole cell lysate
Lane 4: Jurkat whole cell lysate
Lysates/proteins at 20 ug per lane.
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.
Predicted band size : 79 kDa
Blocking/Dilution buffer: 5% NFDM/TBST.



IHC (Immunohistochemistry)

AAA290543 staining BCL6 in Human tonsil tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3% BSA for 0.5 hour at room temperature; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody (1/25) for 1 hours at 37 degree C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-BCL6 antibody	Transcriptional repressor mainly required for germinal center (GC) formation and antibody affinity maturation which has different mechanisms of action specific to the lineage and biological functions. Forms complexes with different corepressors and histone deacetylases to repress the transcriptional expression of different subsets of target genes. Represses its target genes by binding directly to the DNA sequence 5'-TTCCTAGAA-3' (BCL6- binding site) or indirectly by repressing the transcriptional activity of transcription factors. In GC B-cells, represses genes that function in differentiation, inflammation, apoptosis and cell cycle control, also autoregulates its transcriptional expression and up-regulates, indirectly, the expression of some genes important for GC reactions, such as AICDA, through the repression of microRNAs expression, like miR155. An important function is to allow GC B-cells to proliferate very rapidly in response to T-cell dependent antigens and tolerate the physiological DNA breaks required for immunoglobulin class switch recombination and somatic hypermutation without inducing a p53/TP53-dependent apoptotic response. In follicular helper CD4(+) T-cells (TFH) cells, promotes the expression of TFH-related genes but inhibits the differentiation of T(H)1, T(H)2 and T(H)17 cells. Also required for the establishment and maintenance of immunological memory for both T- and B-cells. Suppresses macrophage proliferation through competition with STAT5 for STAT-binding motifs binding on certain target genes, such as CCL2 and CCND2. In response to genotoxic stress, controls cell cycle arrest in GC B-cells in both p53/TP53- dependent and -independent manners. Besides, also controls neurogenesis through the alteration of the composition of NOTCH- dependent transcriptional complexes at selective NOTCH targets, such as HES5, including the recruitment of the deacetylase SIRT1 and resulting in an epigenetic silencing leading to neuronal differentiation.
Product Categories/Family for anti-BCL6 antibody	Crown Antibodies; Cancer
References	Kerckaert J.-P.,et al.Nat. Genet. 5:66-70(1993). Ye B.H.,et al.Science 262:747-750(1993). Miki T.,et al.Blood 83:26-32(1994). Baron B.W.,et al.Proc. Natl. Acad. Sci. U.S.A. 90:5262-5266(1993). Mao Y.,et al.Submitted (SEP-2007) to the EMBL/GenBank/DBJ databases.

NCBI AND UNIPROT INFORMATION

NCBI GI #	195927002
NCBI GeneID	604
NCBI Accession #	NP_001124317.1
NCBI GenBank Nucleotide #	NM_001130845.1
UniProt Accession #	P41182; A7E241; B8PSA7; D3DNV5
Molecular Weight	78846

NCBI Official Full Name	B-cell lymphoma 6 protein isoform 1
NCBI Official Synonym Full Names	B-cell CLL/lymphoma 6
NCBI Official Symbol	BCL6
NCBI Official Synonym Symbols	BCL5; LAZ3; BCL6A; ZNF51; ZBTB27
NCBI Protein Information	B-cell lymphoma 6 protein
UniProt Protein Name	B-cell lymphoma 6 protein
UniProt Gene Name	BCL6
UniProt Synonym Gene Names	BCL5; LAZ3; ZBTB27; ZNF51; BCL-6; BCL-5
UniProt Entry Name	BCL6_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/bcl6-antibody-immunohistochemistry-western-blot-elisa/290543>