

Bcl-6 (Phospho Ser333) Rabbit pAb

CatalogNo: YP0460 **Orthogonal Validated** 

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, ELISA

MW

- 79kD (Observed)

Isotype

- IgG

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-1:2000

ELISA 1:5000

Not yet tested in other applications.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen The antiserum was produced against synthesized peptide derived from human Bcl-6 around the phosphorylation site of Ser333. AA range:299-348

Specificity Phospho-Bcl-6 (S333) Polyclonal Antibody detects endogenous levels of Bcl-6 protein only when phosphorylated at S333. The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites):PQsPQ

Target Information

Gene name BCL6

Protein Name B-cell lymphoma 6 protein

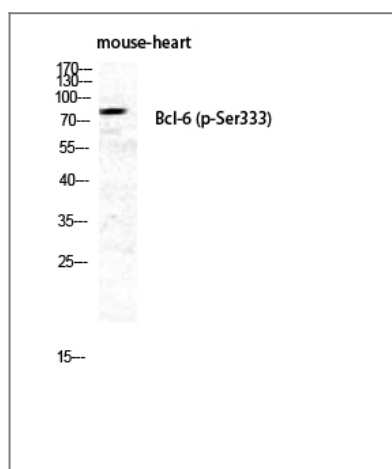
Organism	Gene ID	UniProt ID
Human	604 ;	P41182 ;
Mouse	12053 ;	P41183 ;

Cellular Localization Nucleus .

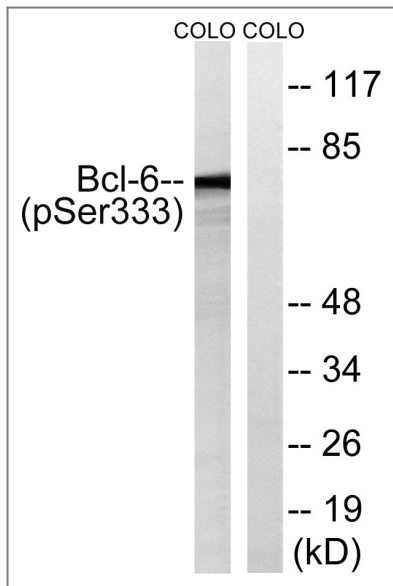
Tissue specificity Expressed in germinal center T- and B-cells and in primary immature dendritic cells.

Function Disease:A chromosomal aberration involving BCL6 may be a cause of a form of B-cell leukemia. Translocation t (3;11) (q27;q23) with POU2AF1/OBF1. ,Disease:A chromosomal aberration involving BCL6 may be a cause of lymphoma. Translocation t (3;4) (q27;p11) with ARHH/TTF. ,Disease:Chromosomal aberrations involving BCL6 may be a cause of B-cell non-Hodgkin lymphoma. Translocation t (3;14) (q27;q32) ; translocation t (3;22) (q27;q11) with immunoglobulin gene regions. ,Function:Transcriptional repressor which is required for germinal center formation and antibody affinity maturation. Probably plays an important role in lymphomagenesis. ,induction:Down-regulated during maturation of dendritic cells by selective stimuli such as LPS , CD40L and zymosan. ,PTM:Phosphorylated by MAPK1 in response to antigen receptor activation. Phosphorylation induces its degradation by ubiquitin/proteasome pathway. ,similarity:Contains 1 BTB (POZ) domain. ,similarity:Contains 6 C2H2-type zinc fingers. ,subunit:Interacts with ZBTB7 and BCL6B (By similarity) . Interacts with the catalytic domain of HDAC9. ,tissue specificity:Expressed in germinal center T and B cells and in primary immature dendritic cells. ,

Validation Data



Western Blot analysis of MOUSE-HEART cells using Phospho-Bcl-6 (S333) Polyclonal Antibody diluted at 1:1000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent biotech, MN, USA).



Western blot analysis of lysates from COLO205 cells treated with insulin 0.01U/ml 15', using Bcl-6 (Phospho-Ser333) Antibody. The lane on the right is blocked with the phospho peptide.

Contact information

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Please scan the QR code to access additional product information:

Bcl-6 (Phospho Ser333) Rabbit pAb

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