

Bcl-6 (phospho Ser333) Polyclonal Antibody

Catalog No :	YP0460
Reactivity :	Human;Mouse;Rat
Applications :	WB;ELISA
Target :	Bcl-6
Fields :	>>FoxO signaling pathway;>>Transcriptional misregulation in cancer;>>Chemical carcinogenesis - receptor activation
Gene Name :	BCL6
Protein Name :	B-cell lymphoma 6 protein
Human Gene Id :	604
Human Swiss Prot No :	P41182
Mouse Gene Id :	12053
Mouse Swiss Prot No :	P41183
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.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. ELISA: 1:5000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration : 1 mg/ml

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

Observed Band : 79kD

Cell Pathway : B_Cell_Antigen

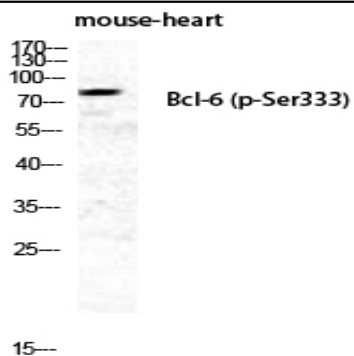
Background : The protein encoded by this gene is a zinc finger transcription factor and contains an N-terminal POZ domain. This protein acts as a sequence-specific repressor of transcription, and has been shown to modulate the transcription of STAT-dependent IL-4 responses of B cells. This protein can interact with a variety of POZ-containing proteins that function as transcription corepressors. This gene is found to be frequently translocated and hypermutated in diffuse large-cell lymphoma (DLCL), and may be involved in the pathogenesis of DLCL. Alternatively spliced transcript variants encoding different protein isoforms have been found for this gene. [provided by RefSeq, Aug 2015],

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:Cont

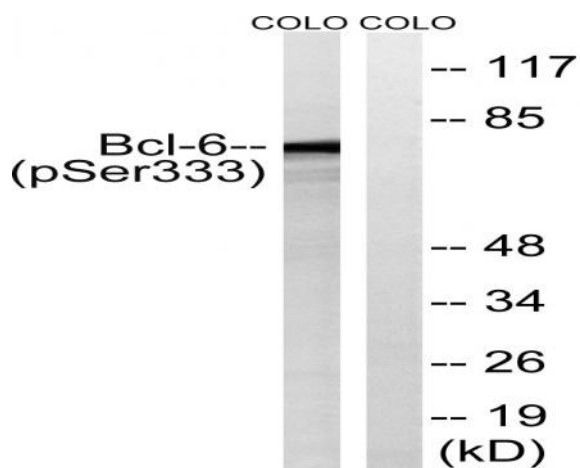
Subcellular Location : Nucleus .

Expression : Expressed in germinal center T- and B-cells and in primary immature dendritic cells.

Products Images



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, Inventbiotech, 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.