

Product name:	FOXP1 Rabbit Polyclonal Antibody
Cat number:	ABN11113
Conjugate:	Unconjugated
Size:	100µL
Clone:	Polyclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	The antiserum was produced against synthesized peptide derived from the C-terminal region of human FOXP1. AA range:628-677
Reactivity:	Human,Mouse,Rat
Applications:	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
Molecular Weight:	75kDa
Purification:	Affinity purification
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.

Background:

This gene belongs to subfamily P of the forkhead box (FOX) transcription factor family. Forkhead box transcription factors play important roles in the regulation of tissue- and cell type-specific gene transcription during both development and adulthood. Forkhead box P1 protein contains both DNA-binding- and protein-protein binding-domains. This gene may act as a tumor suppressor as it is lost in several tumor types and maps to a chromosomal region (3p14.1) reported to contain a tumor suppressor gene(s). Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008],alternative products:Additional isoforms seem to exist,disease:A chromosomal aberration involving FOXP1 is found in acute lymphoblastic leukemia. Translocation t(9;3)(p13;p14.1) with PAX5.,domain:The leucine-zipper is required for dimerization and transcriptional repression.,function:Transcriptional repressor that plays an important role in the specification and differentiation of lung epithelium. Can act with CTBP1 to synergistically repress transcription but CTPBP1 is not essential. Essential transcriptional regulator of B cell development.,similarity:Contains 1 C2H2-type zinc finger.,similarity:Contains 1 fork-head DNA-binding domain.,subunit:Forms homodimers and heterodimers with FOXP2 and FOXP4. Dimerization is required for DNA-binding. Interacts with CTBP1.,