

Datasheet for ABIN7153093
anti-FOXP1 antibody (AA 541-677) (Biotin)



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Overview

Quantity:	100 µg
Target:	FOXP1
Binding Specificity:	AA 541-677
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FOXP1 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Forkhead box protein P1 protein (541-677AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	FOXP1
Alternative Name:	FOXP1 (FOXP1 Products)
Background:	Background: Transcriptional repressor (PubMed:18347093, PubMed:26647308). Can act with CTBP1 to synergistically repress transcription but CTPBP1 is not essential (By similarity). Plays

Target Details

an important role in the specification and differentiation of lung epithelium. Acts cooperatively with FOXP4 to regulate lung secretory epithelial cell fate and regeneration by restricting the goblet cell lineage program, the function may involve regulation of AGR2. Essential transcriptional regulator of B-cell development. Involved in regulation of cardiac muscle cell proliferation. Involved in the columnar organization of spinal motor neurons. Promotes the formation of the lateral motor neuron column (LMC) and the preganglionic motor column (PGC) and is required for respective appropriate motor axon projections. The segment-appropriate generation of spinal chord motor columns requires cooperation with other Hox proteins. Can regulate PITX3 promoter activity, may promote midbrain identity in embryonic stem cell-derived dopamine neurons by regulating PITX3. Negatively regulates the differentiation of T follicular helper cells T(FH)s. Involved in maintainance of hair follicle stem cell quiescence, the function probably involves regulation of FGF18 (By similarity). Represses transcription of various pro-apoptotic genes and cooperates with NF-kappa B-signaling in promoting B-cell expansion by inhibition of caspase-dependent apoptosis (PubMed:25267198). Binds to CSF1R promoter elements and is involved in regulation of monocyte differentiation and macrophage functions, repression of CSF1R in monocytes seems to involve NCOR2 as corepressor (PubMed:15286807, PubMed:18799727, PubMed:18347093). Involved in endothelial cell proliferation, tube formation and migration indicative for a role in angiogenesis, the role in neovascularization seems to implicate suppression of SEMA5B (PubMed:24023716). Can negatively regulate androgen receptor signaling (PubMed:18640093).

Aliases: 12CC4 antibody, FLJ23741 antibody, Fork head related protein like B antibody, Forkhead box P1 antibody, Forkhead box protein P1 antibody, FOX P1 antibody, FOXP 1 antibody, foxp1 antibody, FOXP1_HUMAN antibody, Glutamine rich factor 1 antibody, hFKH1B antibody, HSPC215 antibody, MGC12942 antibody, MGC88572 antibody, MGC99551 antibody, QRF 1 antibody, QRF1 antibody

UniProt:	Q9H334
Pathways:	Chromatin Binding , Regulation of Muscle Cell Differentiation , Positive Regulation of Immune Effector Process , Production of Molecular Mediator of Immune Response

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.