

## anti- FOXP1 antibody

### Product Information

Catalog No.:	FNab03206
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### Background

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

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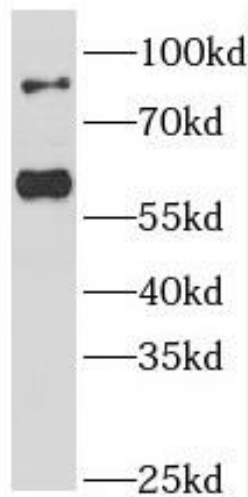
neovascularization seems to implicate suppression of SEMA5B(PubMed:24023716). Can negatively regulate androgen receptor signaling(PubMed:18640093). Isoform 8: Involved in transcriptional regulation in embryonic stem cells(ESCs). Stimulates expression of transcription factors that are required for pluripotency and decreases expression of differentiation-associated genes. Has distinct DNA-binding specificities as compared to the canonical form and preferentially binds DNA with the sequence 5'-CGATACAA-3'(or closely related sequences)(PubMed:21924763). Promotes ESC self-renewal and pluripotency(By similarity).

### Immunogen information

Immunogen: forkhead box P1  
Synonyms: None  
Observed MW: 50 kDa, 60-65 kDa, 85 kDa  
UniprotID : Q9H334

### Application

Reactivity: Human, Mouse, Rat  
Tested Application: ELISA, WB  
Recommended dilution: WB: 1:500-1:2000  
Image:



Jurkat cells were subjected to SDS PAGE followed by western blot with FNab03206(FOXP1 antibody) at dilution of 1:1000

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