

Product datasheet for **TA301515**

FOXP3 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1: 1000-5000
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A synthetic peptide made to the N-terminal region of human FOXP3 (between residues 1-50).
Formulation:	Tris-citrate/phosphate, pH 7-8, 0.1% sodium Azide
Concentration:	lot specific
Purification:	Immunogen affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	forkhead box P3
Database Link:	NP_054728 Entrez Gene 20371 Mouse Entrez Gene 50943 Human Q9BZS1
Background:	FOXP3 is a member of the forkhead/winged-helix family of transcriptional regulators and is highly conserved across mammals. FOXP3 is essential for normal immune homeostasis. FOXP3 is stably and constitutively expressed at a high level in CD25 + CD4 positive regulatory T cells, a low level in CD4-positive/CD25-negative cells, and is absent in CD4-negative/CD8-positive T cells. FOXP3 may be a master regulatory gene and a more specific marker of regulatory T cells than other T cells.
Synonyms:	AIID; DIETER; IPEX; JM2; PIDX; XPID
Protein Families:	Transcription Factors



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