

Product datasheet for **TA319911**

FOXP3 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 1 - 2 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Rabbit polyclonal FOXP3 antibody was raised against a 15 amino acid peptide near the carboxy terminus of human FOXP3. The immunogen is located within the last 50 amino acids of FOXP3.
Formulation:	FOXP3 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	FOXP3 Antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	47 kDa
Gene Name:	forkhead box P3
Database Link:	NP_054728 Entrez Gene 50943 Human Q9BZS1



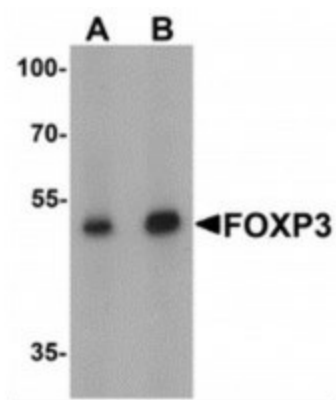
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Background:

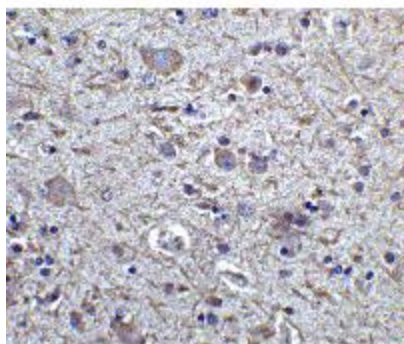
FOXP3 Antibody: FOXP3 is a member of the forkhead/winged-helix family of transcriptional regulators. FOXP3 acts as a repressor of transcription and regulates T cell activation, with its overexpression in CD4 T cells leading to an attenuation of activation-induced cytokine production and proliferation. In regulatory T (Treg) cells, FOXP3 is essential for Treg suppressor function and its expression leads to the repression of IL-17 expression. Genetic mutations involving FOXP3 are the cause of immunodeficiency polyendocrinopathy, enteropathy, X-linked syndrome (IPEX), also known as X-linked autoimmunity-immunodeficiency syndrome.

Synonyms:

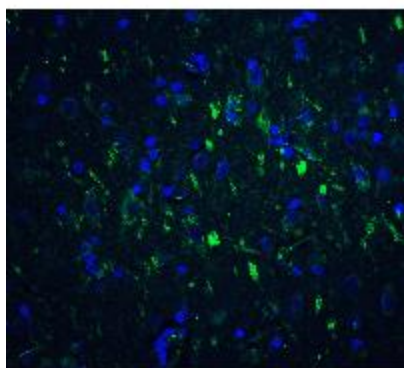
AIID; DIETER; IPEX; JM2; PIDX; XPID

Product images:

Western blot analysis of FOXP3 in A549 cell lysate with FOXP3 antibody at (A) 1 and (B) 2ug/ml.



Immunohistochemistry of FOXP3 in human brain tissue with FOXP3 antibody at 5ug/ml.



Immunofluorescence of FOXP3 in human brain tissue with FOXP3 antibody at 20ug/ml.