

Rabbit FOXP3 Polyclonal Antibody | anti-FOXP3 antibody

FOXP3 Antibody

CATALOG # AAA40684	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot, ELISA
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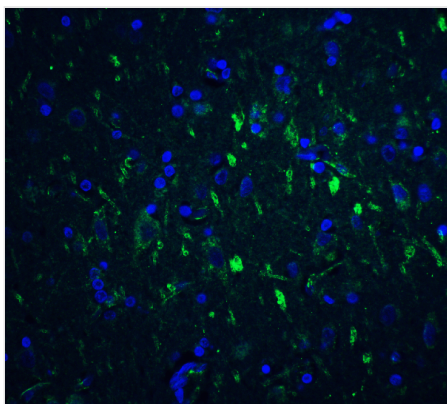
PRODUCT SYNONYMS

FOXP3; Polyclonal Antibody; FOXP3 Antibody; JM2; AIID; IPEX; PIDX; XPID; DIETER; Forkhead box protein P3; Scurfin; forkhead box P3; anti-FOXP3 antibody

PRODUCT SPECIFICATIONS

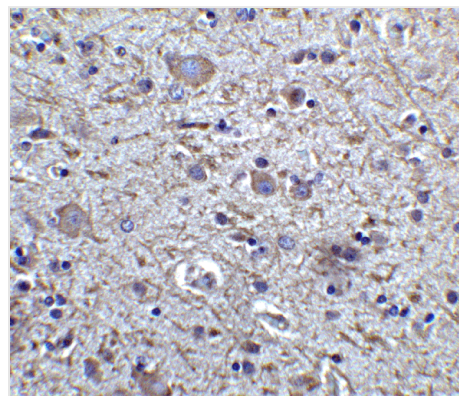
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	FOXP3 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	431
Applicable Applications for anti-FOXP3 antibody	WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	Rabbit polyclonal FOXP3 antibody was raised against a 15 amino acid peptide near the carboxy terminus of human FOXP3.
Buffer	FOXP3 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	FOXP3 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

IMAGES



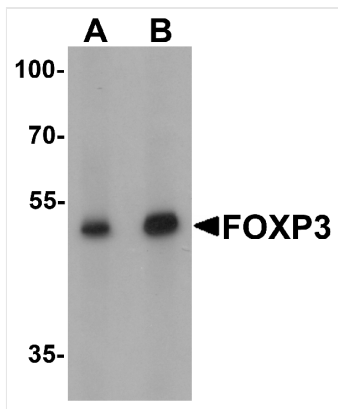
IF (Immunofluorescence)

Immunofluorescence of FOXP3 in human brain tissue with FOXP3 antibody at 20 µg/mL. Green: FOXP3 Antibody (7187) Blue: DAPI staining



IHC (Immunohistochemistry)

Immunohistochemistry of FOXP3 in human brain tissue with FOXP3 antibody at 5 µg/mL.



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-FOXP3 antibody

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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	31982943
NCBI GeneID	50943
NCBI Accession #	NP_054728
NCBI GenBank Nucleotide #	NM_014009.3
UniProt Accession #	Q9BZS1; O60827; Q14DD8; Q4ZH51; A5HJT1; B7ZLG0; B9UN80
Molecular Weight	Predicted: 47 kDa
NCBI Official Full Name	forkhead box protein P3 isoform a
NCBI Official Synonym Full Names	forkhead box P3
NCBI Official Symbol	FOXP3
NCBI Official Synonym Symbols	JM2; AIID; IPEX; PIDX; XPID; DIETER
NCBI Protein Information	forkhead box protein P3; scurfin; FOXP3delta7; immunodeficiency, polyendocrinopathy, enteropathy, X-linked; immune dysregulation, polyendocrinopathy, enteropathy, X-linked
UniProt Protein Name	Forkhead box protein P3
UniProt Gene Name	FOXP3
UniProt Synonym Gene Names	IPEX
UniProt Entry Name	FOXP3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.