

Rabbit FOXP3 Polyclonal Antibody | anti-FOXP3 antibody

Rabbit anti FOXP3 Polyclonal antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA71424	Rabbit	Human, Mouse, Rat	Immunoprecipitation, Immunohistochemistry, Western Blot, ELISA

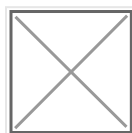
PRODUCT SYNONYMS

FOXP3; Polyclonal Antibody; Rabbit anti FOXP3 Polyclonal antibody; Rabbit anti-FOXP3; forkhead box P3; JM2; AIID; IPEX; PIDX; XPID; DIETER; SCURFIN; scurfin; JM2 protein; immunodeficiency; polyendocrinopathy; enteropathy; X-linked; immune dysregulation; anti-FOXP3 antibody

PRODUCT SPECIFICATIONS

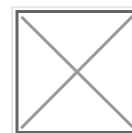
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	This antibody recognizes ~52 kDa of FOXP3 protein. It reacts to human, mouse and rat. The other species are not tested.
Purity/Purification	The Rabbit IgG is purified by Epitope Affinity Purification.
Form/Format	This affinity purified antibody is supplied in sterile phosphatebuffered saline (pH7.2) containing antibody stabilizer
Applicable Applications for anti-FOXP3 antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Antigen Preparation	A synthetic peptide corresponding to the C-terminus of human FOXP3 protein. This sequence is identical within Human, Mouse, Rat origins
Positive Control	Kidney Tissue
Cellular Location	Cell Membrane
Preparation and Storage	The antibodies are stable for 12 months from date of receipt when stored at -20 degree C to -70 degree C. The antibodies can be stored at 2 degree C-8 degree C for three month without detectable loss of activity. Avoid repeated freezing-thawing cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry: Human Tonsil carcinoma (FFPE) stained with Rabbit anti-FOXP3 (Cat# AAA71424) at 1:200 for 10 min @ RT. Staining of formalin-fixed tissue requires boiling tissue sections in 10 mM Citrate Buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min.



WB (Western Blot)

Western Blot: The whole lysate derived from Mouse stomach (lane1), Hela (lane 2) (20 ug/lane) immunoblotted by Rabbit anti – FOXP3 (Cat#) at 1:500. Observed a major immunoreactive band at molecular weight ~52 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-FOXP3 antibody	Forkhead/winged-helix box (Fox) genes are the transcriptional regulators and highly conserved across mammals. It contains a FOX DNA-binding domain and large polyglutamine tract. The FOXPs are involved in organogenesis and cell differentiation. FOXP3 is essential for normal immune homeostasis. FOXP3 is stably and constitutively expressed at a high level in CD25 + CD4 positive regulatory T cells, at 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.
References	Rao et al. Differentiation and expansion of T cells with regulatory function from human peripheral lymphocytes by stimulation in the presence of TGF- β . J Immunol. 2005 Feb 1;174 (3):1446-55.

NCBI AND UNIPROT INFORMATION

NCBI GI #	167466190
NCBI GeneID	50943
NCBI Accession #	NP_001107849.1
NCBI GenBank Nucleotide #	NM_001114377.1
UniProt Accession #	Q9BZS1; O60827; Q14DD8; Q4ZH51; A5HJT1; B7ZLG0
Molecular Weight	55.0 kDa
NCBI Official Full Name	forkhead box protein P3 isoform b
NCBI Official Synonym Full Names	forkhead box P3
NCBI Official Symbol	FOXP3
NCBI Official Synonym Symbols	JM2; AIID; IPEX; PIDX; XPID; DIETER; MGC141961; MGC141963
NCBI Protein Information	forkhead box protein P3; scurfin; FOXP3delta7; OTTHUMP00000025832; OTTHUMP00000025833; OTTHUMP00000226737; 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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/foxp3-antibody-immunoprecipitation-immunohistochemistry-western-blot-elisa/71424>