

Product datasheet for **TA302662**

FOXP3 Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	FC, IF, IHC, WB
Recommended Dilution:	ELISA: 1:16,000. IHC: 0.3-1 µg/ml.
Reactivity:	Human (Expected from sequence similarity: Dog, Pig)
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Peptide with sequence SQRPSRCSNPTPGP, from the C Terminus of the protein sequence according to NP_054728.2.
Formulation:	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration:	lot specific
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	47.1 kDa
Gene Name:	forkhead box P3
Database Link:	NP_054728 Entrez Gene 491876 Dog Entrez Gene 50943 Human Q9BZS1
Background:	The protein encoded by this gene is a member of the forkhead/winged-helix family of transcriptional regulators. Defects in this gene are the cause of immunodeficiency polyendocrinopathy, enteropathy, X-linked syndrome (IPEX), also known as X-linked autoimmunity-immunodeficiency syndrome. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq]

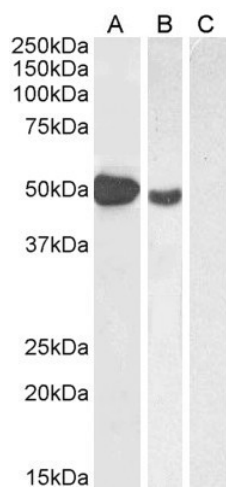


[View online »](#)

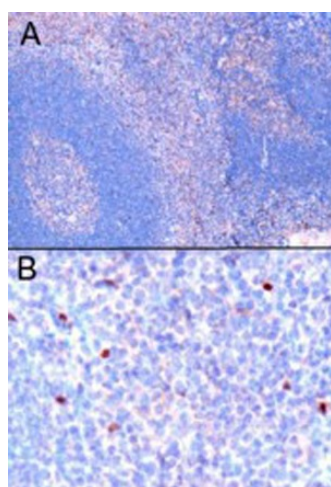
Synonyms: AIID; DIETER; IPEX; JM2; PIDX; XPID

Protein Families: Transcription Factors

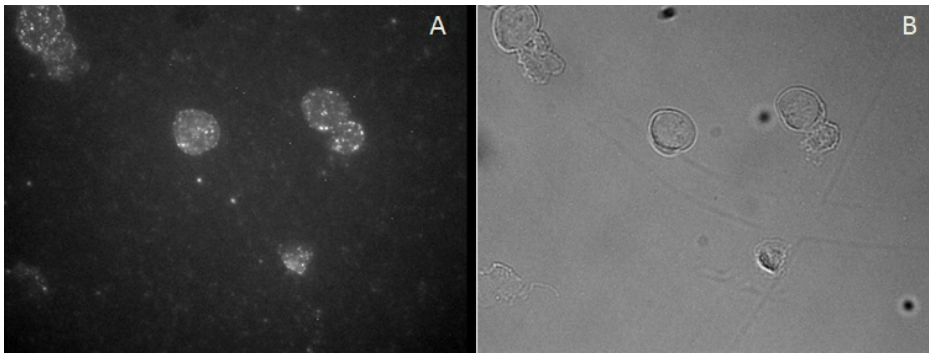
Product images:



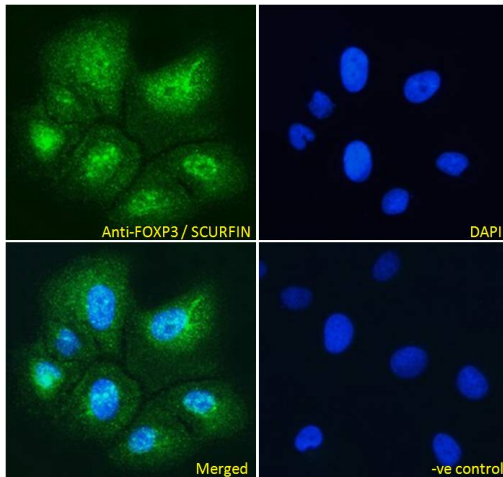
TA302662 (1ug/ml) staining of Human Muscle (A), (2ug/ml) MOLT4 (B) and (1ug/ml) negative control Pancreas (C) lysate (35ug protein in RIPA buffer). Detected by chemiluminescence



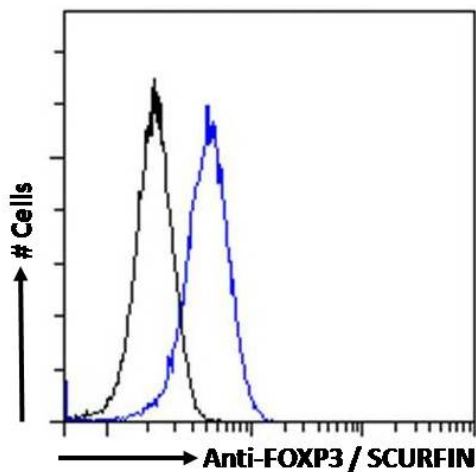
TA302662 (1ug/ml) staining of paraffin embedded Human Tonsil. Microwaved antigen retrieval with Tris/EDTA buffer pH9, HRP-staining. A) Nuclear staining of scattered cells in the interfollicular area. B) High magnification of positive cells. This data is from a previous batch, not on sale.



TA302662 staining of CD25-sorted (Treg) Human blood cells gathered by cytopspin and detected by FITC (A) and in phase contrast (B).



TA302662 Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (4ug/ml), showing strong localization to nucleoplasm. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (4ug/ml).



TA302662 Flow cytometric analysis of paraformaldehyde fixed Jurkat cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (4ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.