

For Research Use Only

FOXP3 Polyclonal antibody

Catalog Number: 22228-1-AP

88 Publications



Basic Information

Catalog Number:

22228-1-AP

Size:

150ul, Concentration: 600 ug/ml by Nanodrop and 293 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG17571

GenBank Accession Number:

BC113401

GeneID (NCBI):

50943

UNIPROT ID:

Q9BZS1

Full Name:

forkhead box P3

Calculated MW:

431 aa, 47 kDa

Observed MW:

50-55 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:500-1:2000

IHC: 1:250-1:1000

IF-P: 1:200-1:800

Applications

Tested Applications:

WB, IHC, IF-P, ELISA

Cited Applications:

WB, IHC, IF, IP, CoIP, ChIP, ELISA

Species Specificity:

human

Cited Species:

human, mouse, rat, pig

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB: HEK-293 cells, A375 cells

IHC: human tonsillitis tissue,

IF-P: human tonsillitis tissue,

Background Information

FOXP3, also named as IPEX, JM2 and Scurfin, is a transcription factor. FOXP3 plays a critical role in the control of immune response. Defects in FOXP3 are the cause of immunodeficiency polyendocrinopathy, enteropathy, X-linked syndrome (IPEX) which also known as X-linked autoimmunity-immunodeficiency syndrome. This antibody is a rabbit polyclonal antibody raised against a peptide mapping within human FOXP3.

Notable Publications

Author	Pubmed ID	Journal	Application
Ying Liu	36158119	Comput Math Methods Med	IHC
Cheng Cheng	36150347	Phytomedicine	WB
Kai Guo	34514877	Thyroid	IHC

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

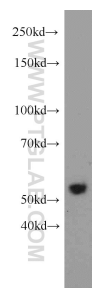
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

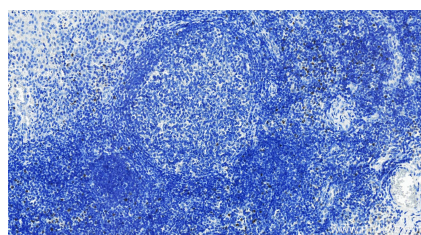
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

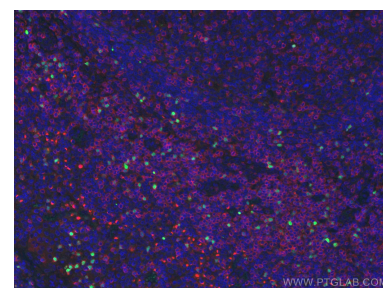
Selected Validation Data



HEK-293 cells were subjected to SDS PAGE followed by western blot with 22228-1-AP (FOXP3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 22228-1-AP (FOXP3 antibody) at dilution of 1:500 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded human tonsillitis tissue using FOXP3 antibody (22228-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CD3 antibody (60181-1-Ig, Clone: 3F3A1, red). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).