

For Research Use Only

FOXP3 Polyclonal antibody

Catalog Number: 22228-1-AP

81 Publications



Basic Information

Catalog Number:

22228-1-AP

Concentration:

750 µg/ml

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	
Cheng Cheng	36150347	Phytomedicine	WB,FC
Kai Guo	34514877	Thyroid	

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

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

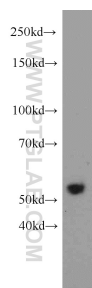
T: 4006900926

E: Proteintech-CN@ptglab.com

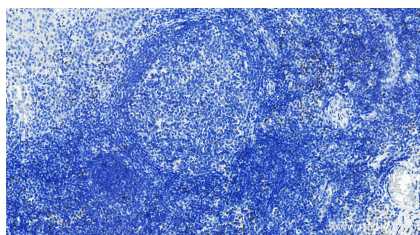
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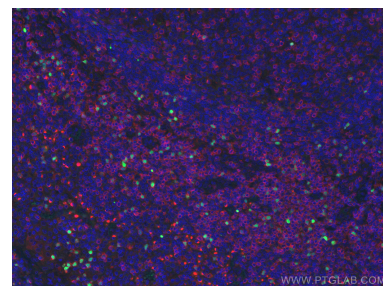
Selected Validation Data



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).