

# FOXP3 Polyclonal ANTIBODY

Catalog Number: 22228-1-AP

20 Publications

## Basic Information

**Catalog Number:**  
22228-1-AP

**Size:**  
44 µg/150 µl

**Source:**  
Rabbit

**Isotype:**  
IgG

**Purification Method:**  
Antigen affinity purification

**Immunogen Catalog Number:**  
AG17571

**GenBank Accession Number:**  
BC113401

**GeneID (NCBI):**  
50943

**Full Name:**  
forkhead box P3

**Calculated MW:**  
431aa, 47 kDa

**Observed MW:**  
50-55 kDa

**Recommended Dilutions:**

WB 1:500-1:2000

IP 0.5-4.0 µg for IP and 1:500-1:2000 for WB

## Applications

**Tested Applications:**

IP, WB, ELISA

**Cited Applications:**

CoIP, FC, WB

**Species Specificity:**

human, mouse, rat

**Cited Species:**

human, mouse, rat

**Positive Controls:**

WB : HeLa cells; multi-cells, multi-cells/tissue, A375 cells, mouse brain tissue, HEK-293 cells

IP : HeLa cells;

## 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, Xlinked syndrome (IPEX) which also known as Xlinked 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 |
|-------------|-----------|------------------|-------------|
| Jianyu Yang | 31583260  | J Immunol Res    | WB, IHC     |
| Zhao Ming M | 24316592  | Clin Immunol     | WB          |
| Hao Jing J  | 24097035  | Cell Mol Immunol | WB, IHC     |

## Storage

**Storage:**

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

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

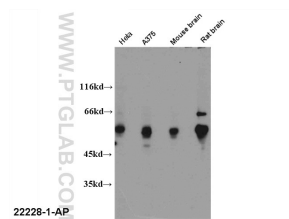
For technical support and original validation data for this product please contact:

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

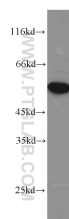
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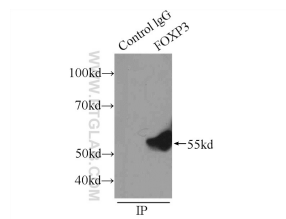
## Selected Validation Data



WB results of 22228-1-AP(FOXP3 antibody).



HeLa cells were subjected to SDS PAGE followed by western blot with 22228-1-AP(FOXP3 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours



IP Result of anti-FOXP3 (IP:22228-1-AP, 3ug; Detection:22228-1-AP 1:1000) with HeLa cells lysate 1840ug.