

Datasheet for ABIN2777561  
**anti-FOXP3 antibody (N-Term)**

5 Images

2 Publications

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## Overview

Quantity:	100 µL
Target:	FOXP3
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Pig, Horse, Dog, Rabbit, Sheep, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FOXP3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human FOXP3
Sequence:	PHFMHQLSTV DAHARTPVLQ VHPLESPAMI SLTPPTTATG VFSLKARPGL
Predicted Reactivity:	Cow: 100%, Dog: 79%, Guinea Pig: 86%, Horse: 93%, Human: 100%, Mouse: 93%, Pig: 100%, Rabbit: 86%, Rat: 86%, Sheep: 100%
Characteristics:	This is a rabbit polyclonal antibody against FOXP3. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified

## Target Details

Target:	FOXP3
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## Target Details

Alternative Name:	FOXP3 ( <a href="#">FOXP3 Products</a> )
Background:	<p>Forkhead box protein P3 (FOXP3, Scurfin, Zinc finger protein JM2) encodes a novel member of the forkhead family of transcription factors. It presumably represses transcription, playing a paramount role in determining the amplitude of the response of CD4 T cells to activation</p> <p>Alias Symbols: JM2, AIID, IPEX, PIDX, XPID, DIETER</p> <p>Protein Interaction Partner: PRR20A, RBPMS, STUB1, UBC, HSPA1A, IKZF3, GATA3, RUNX1, REL, NFATC1, HIST1H1B, HDAC1, KAT8, REL, IKZF4, NFAT5, NFATC2, HDAC4, HDAC2, HDAC7, KAT5, HDAC9,</p> <p>Protein Size: 431</p>
Molecular Weight:	47 kDa
Gene ID:	50943
NCBI Accession:	<a href="#">NM_014009</a> , <a href="#">NP_054728</a>
UniProt:	<a href="#">Q9BZS1</a>
Pathways:	<a href="#">Chromatin Binding</a> , <a href="#">Regulation of Leukocyte Mediated Immunity</a> , <a href="#">Positive Regulation of Immune Effector Process</a> , <a href="#">Production of Molecular Mediator of Immune Response</a> , <a href="#">Activated T Cell Proliferation</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 431 AA
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

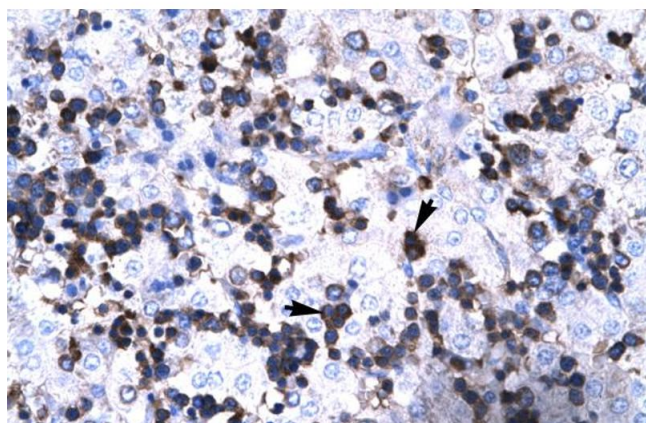
## Handling

Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

## Publications

Product cited in: Coyne, Gambling, Boucher, Carson, Johnson: "Role of claudin interactions in airway tight junctional permeability." in: **American journal of physiology. Lung cellular and molecular physiology**, Vol. 285, Issue 5, pp. L1166-78, (2003) ([PubMed](#)).

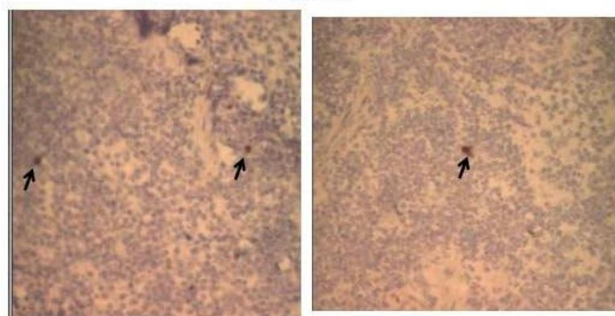
## Images



### Immunohistochemistry

**Image 1.** Human Liver

### Foxp3



See Immunohistochemistry #2 Data for more information.

### Immunohistochemistry

**Image 2. Sample Type:** Mouse Spleen frozen with positive lymphocytes/ HPF (x400)

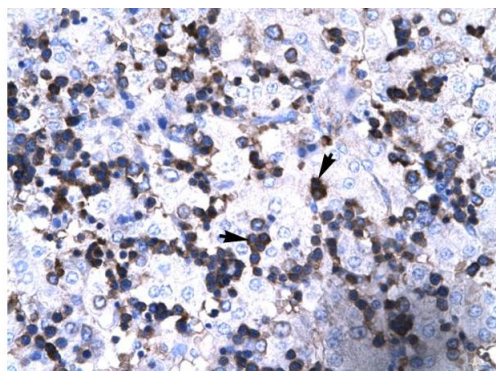
**Primary Dilution:** 1:100

**Secondary Antibody:** Vector Lab Goat Biotin-Conjugated Anti-Rabbit IgG

**Secondary Dilution:** 1:100

**Image Submitted By:**

Atsushi Kawabata at Kansas State University



Rabbit Anti-FOXP3 Antibody  
Catalog Number: ARP32743  
Lot Number: QC2184  
Paraffin Embedded Tissue: Human Liver  
Cells with Positive label: Liver cells (Indicated with Arrows)  
Antibody Concentration: 4.0-8.0 µg/ml  
Magnification: 400X

## Immunohistochemistry

### Image 3. Human Liver

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN2777561.