

Datasheet for ABIN2779725  
**anti-FOXP1 antibody (N-Term)**

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## Overview

Quantity:	100 µL
Target:	FOXP1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Rabbit, Cow, Dog, Horse, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FOXP1 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 FOXP1
Sequence:	MIPTELQQLW KEVTSHTAE ETTGNNHSSL DLTTTCVSSS APSKTSLI
Predicted Reactivity:	Cow: 92%, Dog: 85%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against FOXP1. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified

## Target Details

Target:	FOXP1
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## Target Details

Alternative Name:	FOXP1 ( <a href="#">FOXP1 Products</a> )
Background:	<p>FOXP1 belongs to subfamily P of the forkhead box (FOX) transcription factor family. Forkhead box transcription factors play important roles in the regulation of tissue- and cell type-specific gene transcription during both development and adulthood. Forkhead box P1 protein contains both DNA-binding- and protein-protein binding-domains. This gene may act as a tumor suppressor as it is lost in several tumor types and maps to a chromosomal region (3p14.1) reported to contain a tumor suppressor gene(s).</p> <p>Alias Symbols: QRF1, 12CC4, hFKH1B, HSPC215</p> <p>Protein Interaction Partner: SUMO2, MYC, IL3RA, ELAVL1, NCOR2, GATAD2B, MTA1, FOXP1, FOXP4, FOXP2, CTBP1,</p> <p>Protein Size: 677</p>
Molecular Weight:	75 kDa
Gene ID:	27086
NCBI Accession:	<a href="#">NM_032682</a> , <a href="#">NP_116071</a>
UniProt:	<a href="#">Q9H334</a>
Pathways:	<a href="#">Chromatin Binding</a> , <a href="#">Regulation of Muscle Cell Differentiation</a> , <a href="#">Positive Regulation of Immune Effector Process</a> , <a href="#">Production of Molecular Mediator of Immune Response</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 677 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.

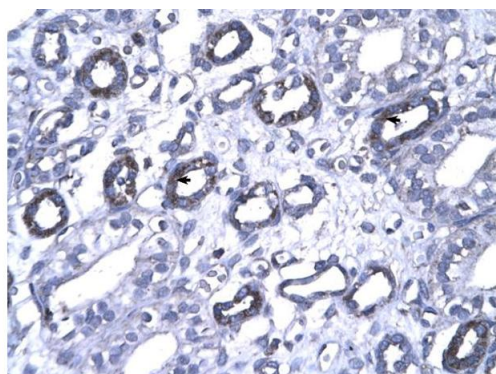
## Handling

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:	<p>Tang, Becanovic, Desplats, Spencer, Hill, Connolly, Masliah, Leavitt, Thomas: "Forkhead box protein p1 is a transcriptional repressor of immune signaling in the CNS: implications for transcriptional dysregulation in Huntington disease." in: <b>Human molecular genetics</b>, Vol. 21, Issue 14, pp. 3097-111, (2012) (<a href="#">PubMed</a>).</p> <p>Konstantoulas, Parmar, Li: "FoxP1 promotes midbrain identity in embryonic stem cell-derived dopamine neurons by regulating Pitx3." in: <b>Journal of neurochemistry</b>, Vol. 113, Issue 4, pp. 836-47, (2010) (<a href="#">PubMed</a>).</p> <p>Jepsen, Gleiberman, Shi, Simon, Rosenfeld: "Cooperative regulation in development by SMRT and FOXP1." in: <b>Genes &amp; development</b>, Vol. 22, Issue 6, pp. 740-5, (2008) (<a href="#">PubMed</a>).</p>
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## Images



Rabbit Anti-FLJ90088 Antibody  
Catalog Number: ARP32564  
Lot Number: QC2014  
Paraffin Embedded Tissue: Human Kidney  
Cells with Positive label: Epithelial cells of renal tubule (Indicated with Arrows)  
Antibody Concentration: 4.0-8.0 µg/ml  
Magnification: 400X

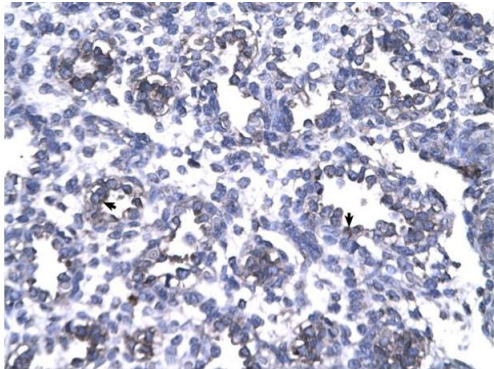
### Immunohistochemistry

**Image 1.** Human kidney



Western Blotting

**Image 2.** WB Suggested Anti-FOXP1 Antibody Titration:  
0.5ug/ml Positive Control: Jurkat cell lysate



Immunohistochemistry

**Image 3.** Human Lung

Rabbit Anti-FLJ90088 Antibody  
Catalog Number: ARP32564  
Lot Number: QC2014  
Paraffin Embedded Tissue: Human Lung  
Cells with Positive label: Alveolar cells (Indicated with Arrows)  
Antibody Concentration: 4.0-8.0 µg/ml  
Magnification: 400X