

## Product datasheet

# Anti-FOXP4 antibody ab17726

★★★★★ 1 Abreviews 4 References 3 Images

### Overview

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<b>Product name</b>	Anti-FOXP4 antibody
<b>Description</b>	Rabbit polyclonal to FOXP4
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> IHC-FoFr, WB
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Human
<b>Immunogen</b>	Synthetic peptide conjugated to KLH derived from within residues 150 - 250 of Human FOXP4. Read Abcam's proprietary immunogen policy (Peptide available as <a href="#">ab20334</a> .)
<b>Positive control</b>	Human FOXP4 Partial Recombinant Protein (tagged) Mouse stomach tissue lysate
<b>General notes</b>	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

### Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	<p>pH: 7.40</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituent: PBS</p> <p>Batches of this product that have a concentration &lt; 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.</p>
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

### The Abpromise guarantee

Our [Abpromise guarantee](#) covers the use of ab17726 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-FoFr		
WB	★★★★★ (1)	

### Application notes

IHC-F: 1/100 - 1/300.

WB: Use at a concentration of 1 µg/ml (Human FOXP4 Partial Recombinant Protein). Used at a dilution of 1/1000 for 12 hrs incubation on human cells (see Abreview for further details).

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

## Target

### Function

Transcriptional repressor that represses lung-specific expression.

### Sequence similarities

Contains 1 C2H2-type zinc finger.

Contains 1 fork-head DNA-binding domain.

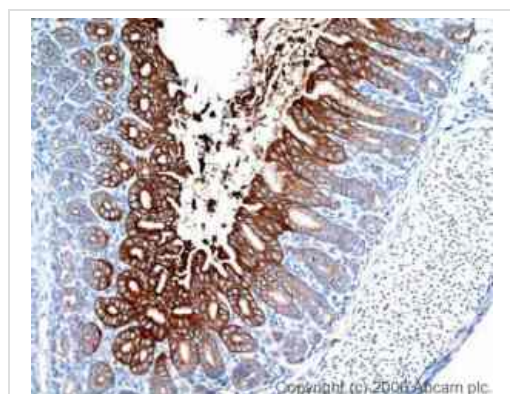
### Domain

The leucine-zipper is required for dimerization and transcriptional repression.

### Cellular localization

Nucleus.

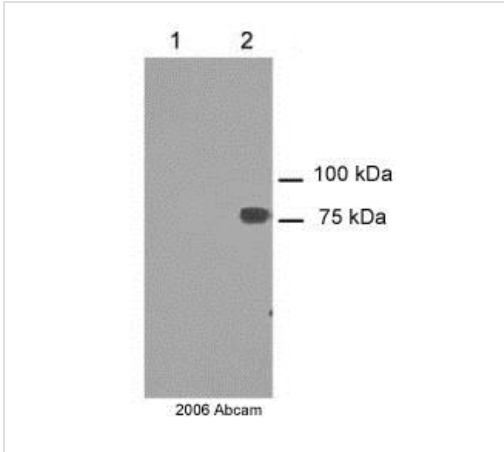
## Images



ab17726 was tested in IHC of formalin fixed sections from mouse (over two weeks of age) stomach. Antigen retrieval was in citrate buffer and blocking was in 1% BSA. The primary antibody was incubated at a dilution of 1/100 overnight at 4 degrees celsius. The secondary antibody was a biotin conjugated anti-rabbit IgG.

Immunohistochemistry (PFA perfusion fixed frozen sections) - Anti-FOXP4 antibody (ab17726)

This image is courtesy of Shunyou Wang, Ph.D.



Western blot - Anti-FOXP4 antibody (ab17726)  
This image is courtesy of an anonymous Abreview

**All lanes :** Anti-FOXP4 antibody (ab17726) at 1/1000 dilution

**Lane 1 :** 50ug Lung epithelial cell line, non-transfected.

**Lane 2 :** 50ug Lung epithelial cell line, transfected with FOXP4.

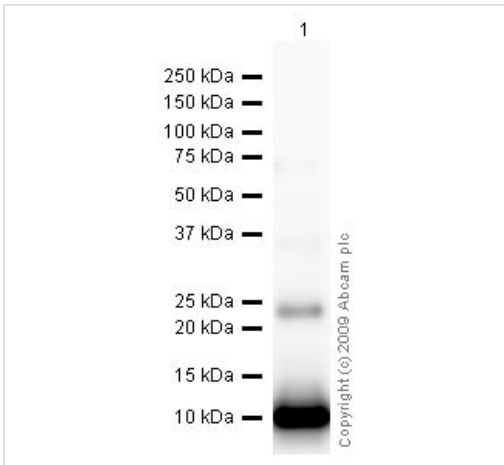
**Secondary**

**All lanes :** HRP conjugated goat anti-rabbit

Performed under reducing conditions.

**Predicted band size:** 11 kDa

**Exposure time:** 1 second



Western blot - Anti-FOXP4 antibody (ab17726)

Anti-FOXP4 antibody (ab17726) at 1 µg/ml + Human FOXP4  
Partial Recombinant Protein (Tagged) at 0.1 µg

**Secondary**

Goat polyclonal to Rabbit IgG - H&L - Pre-Adsorbed (HRP) at  
1/3000 dilution

Performed under reducing conditions.

**Predicted band size:** 11 kDa

**Observed band size:** 11 kDa

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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