



## Rabbit anti FOXP4 Polyclonal Antibody

Alternative Name(s): Forkhead box P4

### Order Information

- **Description:** FOXP4
- **Catalogue:** 602-490
- **Lot:** See label
- **Size:** 100ug/200ul
- **Host:** Rabbit
- **Clone:** nan
- **Application:** IHC(P), WB
- **Reactivity:** Hu

### **ANTIGEN PREPARATION**

A synthetic peptide corresponding to the C-terminus of human FOXP4 protein. This sequence is identical within human, mouse, rat origins.

### **BACKGROUND**

Forkhead/winged-helix box (Fox) genes are the transcriptional regulators and highly conserved across mammals. It contains a FOX DNA-binding domain and large polyglutamine tract. The FOXP proteins are involved in organogenesis and cell differentiation. Foxp1, Foxp2 and Foxp4 are the core of a multi-protein complex that regulates diverse aspects of tissue-restricted gene expression during development in a way distinct from other FOX proteins. The FOX 1/2/4 activity is regulated by homo- and heterodimerization.

### **PURIFICATION**

The Rabbit IgG is purified by Epitope Affinity Purification

### **FORMULATION**

This affinity purified antibody is supplied in sterile Phosphatebuffered saline (pH7.2) containing antibody stabilizer

### **SPECIFICITY**

This antibody recognizes ~75 kDa of FOXP4 protein. It reacts to human, mouse and rat. The other species are not tested.

### **STORAGE**

The antibodies are stable for 24 months from date of receipt when stored at -20°C to -70°C. The antibodies can be stored at 2°C-8°C for three months without detectable loss of activity. Avoid repeated freezing-thawing cycles.

### **APPLICATIONS/SUGGESTED WORKING DILUTIONS\***

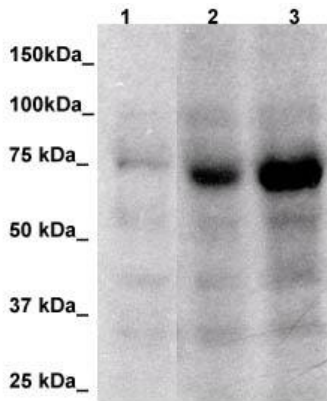
- Western Blot: 0.1-1 µg/ml
- ELISA: 0.01-0.1 µg/ml
- Immunoprecipitation: 2-5 µg/ml
- IHC: 2-10 µg/ml
- Flow cytometry: Not tested
- Molecular Weight: 75.0
- Positive Control: Kidney Tissue
- Cellular Location: Cell Membrane

\*Optimal dilutions should be determined by researchers for the specific applications.

### **FOR RESEARCH USE ONLY.**

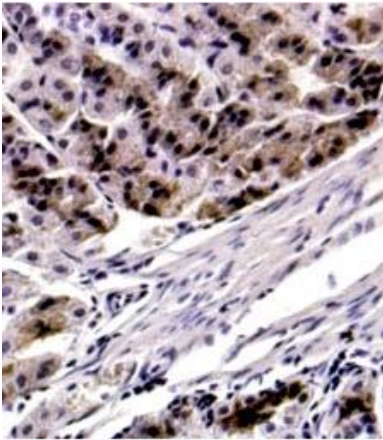
AbboMax, Inc 2528 Qume Drive, Suite 8, San Jose, California 95131, USA  
1 408-573-1898 (Tel). 1 408-573-1858 (Fax). [www.abbomax.com](http://www.abbomax.com) [info@abbomax.com](mailto:info@abbomax.com)

## DATA ATTACHMENTS



WB: RbxFOXP4 (1 ug/ml) Staining of Mouse Stomach (lane 1), Human Tonsil (20 ug/lane 2) and human Tonsil (40 ug/Lane 3) at RT, 1hr.

Western Blot: The whole lysate derived from mouse stomach (lane 1), human tonsil (lane 2, 3) immunoblotted by Rabbit anti – FOXP4 (Cat# 602-490) at 1:500. Observed a major immunoreactive band at molecular weight ~75kDa.



IHC: RbxFOXP4 (5 ug/ml) Staining of Formalin-Fixed Paraffin-Embedded Mouse Stomach.

Immunohistochemistry: Mouse stomach (FFPE) stained with Rabbit anti-FOXP4 (Cat# 602-490) at 1:200 for 10 min @ RT. Staining of formalin-fixed tissue requires boiling tissue sections in 10 mM Citrate Buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min.

## REFERENCES

### FOR RESEARCH USE ONLY.