



Order Information

Description: Rabbit anti FOXP4
 Catalogue#: 602-490
 Lot#: See the label
 Size: 100 ug/200 ul
 Host: Rabbit
 Clone: N/A
 Application: ELISA, WB, IHC
 Reactivity: Hu, Ms, Rt.

Rabbit anti FOXP 4 Antibody

Synonym: Forkhead box P4, FOXP4, winged-helix repressor FOXP4; fork head-related protein like A; FLJ40908; FLJ44184; hFKHLA

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 FOXP4s 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.

SPECIFICITY

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

FORMULATION

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

STORAGE

The antibodies are stable for 12 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 month without detectable loss of activity. Avoid repeated freezing-thawing cycles.

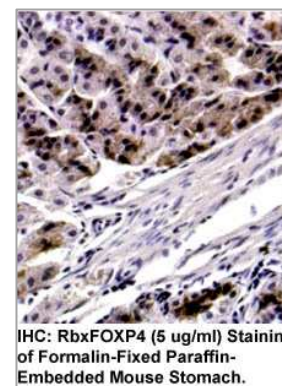
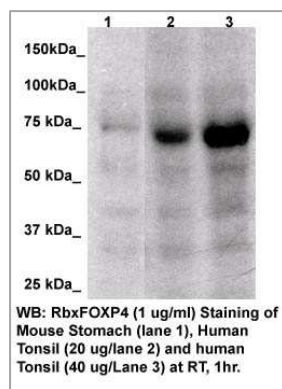
APPLICATIONS/SUGGESTED WORKING DILUTIONS

Western Blot	0.5-5 µg/ml
ELISA	0.01-0.1 µg/ml
Immunoprecipitation	2-5 µg/ml
IHC	0.5-5 µg/ml
Flow cytometry	Not tested

MOLECULAR WEIGHT:	75 kDa
POSITIVE CONTROL:	Human Tonsil
CELLULAR LOCATION:	Nuclear

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

DATA ATTACHMENTS



REFERENCES

Li S, Weidenfeld J, Morrissey EE. Transcriptional and DNA binding activity of the Foxp1/2/4 family is modulated by heterotypic and homotypic protein interactions. Mol Cell Biol. 2004 Jan;24(2):809-22.

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