

# FOXP1 Polyclonal antibody

Catalog Number: 18596-1-AP

## Basic Information

**Catalog Number:**

18596-1-AP

**Size:**

150ul , Concentration: 213 µg/ml by Bradford method using BSA as the standard;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG13402

**GenBank Accession Number:**

BC005055

**GeneID (NCBI):**

27086

**UNIPROT ID:**

Q9H334

**Full Name:**

forkhead box P1

**Calculated MW:**

114 aa, 12 kDa

**Purification Method:**

Antigen affinity purification

## Applications

**Tested Applications:**

ELISA

**Species Specificity:**

human, mouse, rat

## Background Information

FOXP1, also named as HSPC215, is a transcriptional repressor that plays an important role in the specification and differentiation of lung epithelium. It is essential transcriptional regulator of B cell development. A chromosomal aberration involving FOXP1 is found in acute lymphoblastic leukemia. FOXP1 is implicated in the pathogenesis of DLBCL and MALT lymphomas, through the identification of recurrent chromosome translocations that upregulate its expression levels and the correlation between high-level FOXP1 expression and poor prognosis. On initial examination, these data seem contrary to findings from the study of FOXP1 in epithelial malignancies, which suggest that it may represent a tumor suppressor gene. Convincing evidence linking the loss of the FOXP1 N-terminus and malignancy has already been generated through the study of recurrent viral integration sites that generate avian nephroblastomas. (PMID:18077790) The antibody recognizes 2 smaller 60-65kd isoforms in mouse lung.

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:

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