

FOXP1 Polyclonal antibody

Catalog Number: 18596-1-AP

Basic Information

Catalog Number:

18596-1-AP

Size:

210 µg/ml

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

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

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