

For Research Use Only

FOXP1 Polyclonal antibody

Catalog Number: 18596-1-AP



Basic Information

Catalog Number: 18596-1-AP	GenBank Accession Number: BC005055	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 213 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 27086	
Source: Rabbit	Full Name: forkhead box P1	
Isotype: IgG	Calculated MW: 114 aa, 12 kDa	
Immunogen Catalog Number: AG13402		

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 developmen. 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 recognize 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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Selected Validation Data