

For Research Use Only

FOXP4 Polyclonal antibody

Catalog Number: 29311-1-AP



Basic Information

Catalog Number: 29311-1-AP	GenBank Accession Number: BC052803	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 800 µg/ml by Nanodrop;	GeneID (NCBI): 116113	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500
Source: Rabbit	Full Name: forkhead box P4	
Isotype: IgG	Calculated MW: 678 aa, 73 kDa	
Immunogen Catalog Number: AG29953	Observed MW: 73 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls:
Species Specificity: Human, Mouse	WB : Caco-2 cells, PC-3 cells IHC : mouse ovary tissue,

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

FOXP4, also named as FKHLA, belongs to the FOX family. FOXP4 has been implicated in diverse biological processes in tumor initiation and progression. It has been demonstrated that FOXP4 is significantly upregulated in breast cancer, hepatocellular carcinoma and oral squamous cell carcinoma (PMID: 34590150). FOXP4 has 3 isoforms with the molecular mass of 72-73 kDa.

Storage

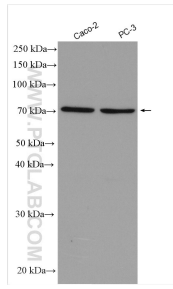
Storage:
Store at -20°C.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

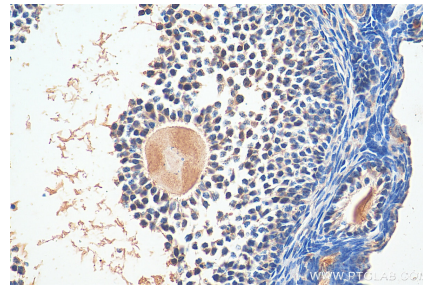
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 29311-1-AP (FOXP4 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse ovary tissue slide using 29311-1-AP (FOXP4 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).