

For Research Use Only

FOXP4 Polyclonal antibody

Catalog Number: 16772-1-AP

Featured Product

6 Publications



Basic Information

Catalog Number:

16772-1-AP

Size:

500 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG10047

GenBank Accession Number:

BC052803

GeneID (NCBI):

116113

UNIPROT ID:

Q8IVH2

Full Name:

forkhead box P4

Calculated MW:

678 aa, 73 kDa

Observed MW:

73 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IHC 1:400-1:1600

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IP, IF/ICC, IHC, ELISA, FC (Intra)

Cited Applications:

WB, IHC, IF

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

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

Positive Controls:

WB : A549 cells, HeLa cells, Jurkat cells

IP : mouse lung tissue,

IHC : human thyroid cancer tissue, human ovary tissue

IF/ICC : HepG2 cells,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Yi Chen	35642665	Mol Med Rep	WB,IHC,IF
Luce Perie	34384787	J Lipid Res	WB
Takeo Matsumoto	35838233	Cancer Sci	WB

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:

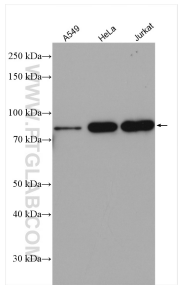
T: 4006900926

E: Proteintech-CN@ptglab.com

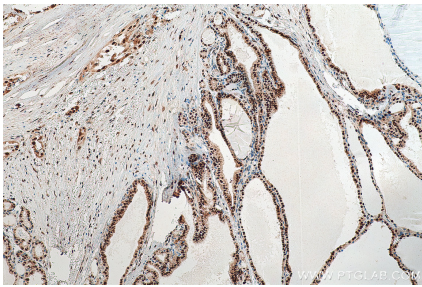
W: ptgcn.com

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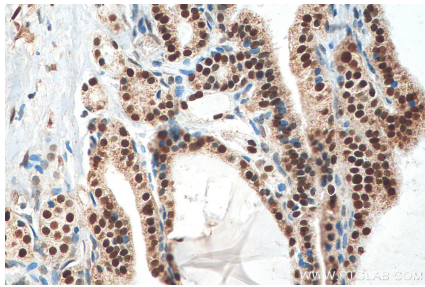
Selected Validation Data



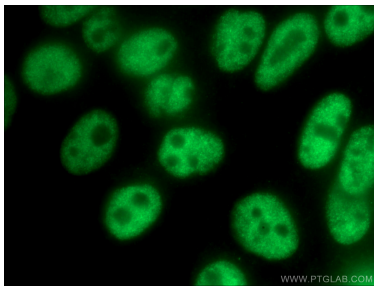
Various lysates were subjected to SDS PAGE followed by western blot with 16772-1-AP (FOXP4 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



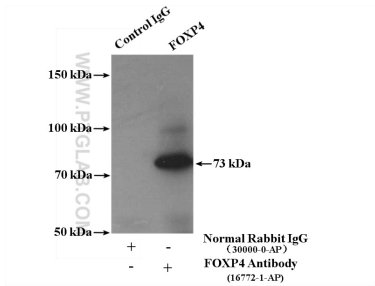
Immunohistochemical analysis of paraffin-embedded human thyroid cancer tissue slide using 16772-1-AP (FOXP4 antibody) at dilution of 1:800 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



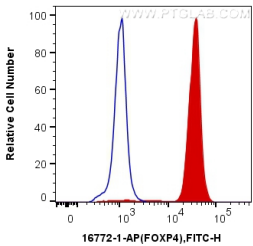
Immunohistochemical analysis of paraffin-embedded human thyroid cancer tissue slide using 16772-1-AP (FOXP4 antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using 16772-1-AP (FOXP4 antibody) at dilution of 1:50 and CoraLite488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IP result of anti-FOXP4 (IP:16772-1-AP, 4ug; Detection:16772-1-AP 1:300) with mouse lung tissue lysate 4000ug.



1X10⁶ Jurkat cells were intracellularly stained with 0.4 ug Anti-Human FOXP4 (16772-1-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug x. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).