

FOXP1 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant protein corresponding to Human FOXP1
Form	Liquid
Concentration	0.2 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.2, with 40% glycerol
Contains	0.02% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2641721

Applications	Tested Dilution	Publications
Western Blot (WB)	0.04-0.4 µg/mL	-
Immunohistochemistry (IHC)	1:50-1:200	-
Immunocytochemistry (ICC/IF)	0.25-2 µg/mL	-
ChIP assay (ChIP)	2.5 µg/10 ⁶ cells	-

Product Specific Information

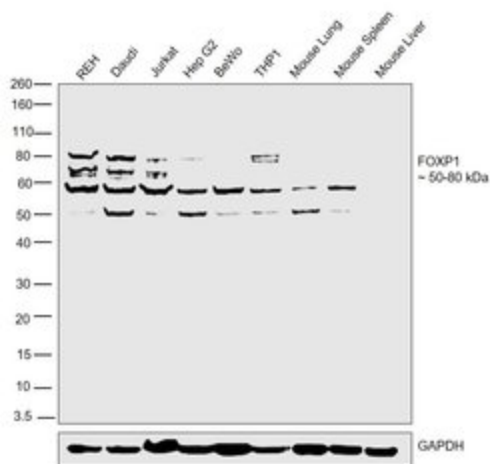
Immunogen sequence: QMQLQQLHL LSLQRQLLT IQPGQPALPL QPLAQGMIP ELQLWKEVT SAHTAEETT
 NNHSSLDLTT TCVSSSAPSK TSLIMNPHAS TNGQLSVHTP KRESLSHEEH PSHPLYGHG VCKWPGCEAV CEDFQSFLKH
 LNS

Highest antigen sequence identity to the following orthologs: Mouse - 95%, Rat - 97%.

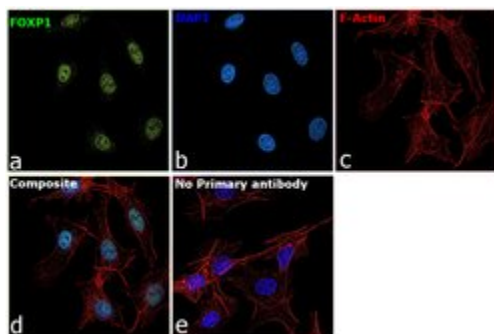
Advanced Verification Data

FOXP1 Antibody (PA5-52006)

Antibody specificity was demonstrated by detection of differential basal expression of the target across REH, Daudi, Jurkat, Hep G2, BeWo, THP1, Mouse Lung, Mouse Spleen, Mouse Liver owing to their inherent genetic constitution. Relative expression of FOXP1 was observed in Mouse Lung and Spleen as compared to Mouse Liver using Anti-FOXP1 Polyclonal Antibody (Product # PA5-52006) in Western Blot. Relative expression validation info.

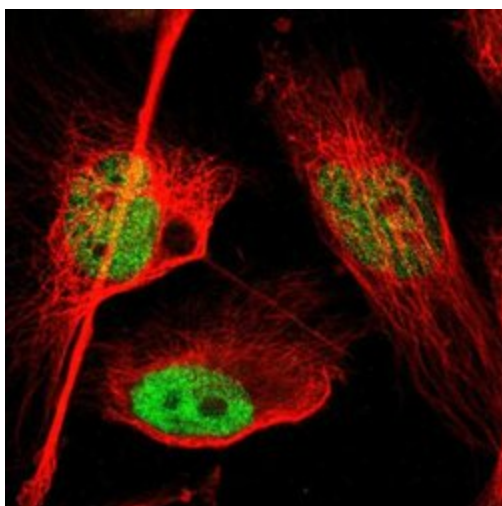


Product Images For FOXP1 Polyclonal Antibody



FOXP1 Antibody (PA5-52006) in ICC/IF

Immunofluorescence analysis of FOXP1 was performed using 70% confluent log phase Hep G2 cells. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 10 minutes, and blocked with 2% BSA for 45 minutes at room temperature. The cells were labeled with FOXP1 Polyclonal Antibody (Product # PA5-52006) at 1:200 in 0.1% BSA, incubated at 4 degree celsius overnight and then labeled with Donkey anti-Rabbit IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor Plus 488 (Product # A32790), (1:2500), for 45 minutes at room temperature (Panel a: Green). Nuclei (Panel b:Blue) were stained with ProLong™ Diamond Antifade Mountant with DAPI (Product # P36962). F-actin (Panel c: Red) was stained with Rhodamine Phalloidin (Product # R415, 1:300). Panel d represents the merged image showing nuclear localization. Panel e represents control cells with no primary antibody to assess background. The images were captured at 63X magnification.



FOXP1 Antibody (PA5-52006) in ICC/IF

Immunofluorescent staining of FOXP1 in human cell line U-251 MG shows positivity in nucleus but excluded from the nucleoli. Samples were probed using a FOXP1 Polyclonal Antibody (Product # PA5-52006).

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