

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-FOXP1



Numéro de catalogue: 22051-1-AP

1 Publications

Informations de base

Numéro de catalogue:

22051-1-AP

Taille:

150ul, Concentration: 800 µg/ml by Nanodrop and 547 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG17045

Numéro d'acquisition GenBank:

BC131720

Identification du gène (NCBI):

27086

Nom complet:

forkhead box P1

MW calculé

677 aa, 75 kDa

MW observés:

50 kDa, 60-65 kDa, 85 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:2000

Applications

Applications testées:

FC, WB, ELISA

Demandes citées:

WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain

Contrôles positifs:

WB : cellules Jurkat, cellules A549, cellules LNCaP, cellules MCF-7, cellules MDA-MB-453s, cellules PC-3, cellules Raji, cellules Y79, tissu cardiaque de souris, tissu pulmonaire de souris, tissu testiculaire de souris

Informations générales

FOXP1, also known as Mac-1-regulated forkhead, is a 677 amino acid protein, which forms homodimers and heterodimers with FOXP2 and FOXP4 (PubMed:25027557). Dimerization is required for DNA-binding. FOXP1 has an important function in neuronal development.9 Mutations of its gene, FOXP1, located on chromosome 3p14.1,7 can result in the development of autism spectrum disorder, intellectual disability, speech and language deficits as well as motor development delay. FOXP1 is also engaged in lung and esophagus morphogenesis, as well as in B-cell development.7,10 The widely researched role of FOXP1 in carcinogenesis is of great importance, although still unclear to some extent. FOXP1 exists some isoforms with MV 75-77 kDa, 65-67 kDa, 12 kDa.

Publications notables

Autrice	Pubmed ID	Journal	Application
Liangyi Cui	33372387	J Cell Mol Med	WB

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

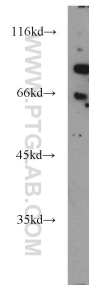
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

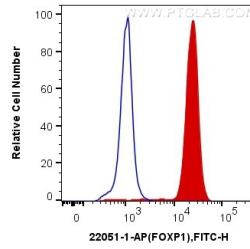
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Données de validation sélectionnées



Jurkat cells were subjected to SDS PAGE followed by western blot with 22051-1-AP (FOXP1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



1×10^6 Jurkat cells were intracellularly stained with 0.4 μ g Anti-Human FOXP1 (22051-1-AP) and CoraLite®594-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 μ g x. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).