

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-FOXO1



Numéro de catalogue: **CL488-18592**

Informations de base

Numéro de catalogue:	CL488-18592	Numéro d'acquisition GenBank:	BC021981	Méthode de purification:	Purification par affinité contre l'antigène
Taille:	100ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI):	2308	Dilutions recommandées:	IF 1:50-1:500
Hôte:	Lapin	Nom complet:	forkhead box O1	Excitation/Emission maxima wavelengths:	493 nm / 522 nm
Isotype:	IgG	MW calculé	655 aa, 70 kDa		
Immunogen Catalog Number:	AG13296	MW observés:	70-80 kDa		

Applications

Applications testées:	FC (Intra), IF	Contrôles positifs:	IF : cellules HeLa,
Spécificité de l'espèce:	Humain, rat, souris		

Informations générales

FOXO1, also named as FOXO1A, FKHR and FKH1, is a member of the FOXO subfamily of Forkhead transcription factors. FOXO1 is a transcription factor which acts as a regulator of cell responses to oxidative stress. FOXO1 interacts with LRRPPRC and SIRT1. In the presence of KIRT1, FOXO1 mediates down-regulation of cyclin D1 and up-regulation of CDKN1B levels which are required for cell transition from proliferative growth to quiescence. FOXO1 contains three predicted protein kinase B phosphorylation sites (Thr-24, Ser-256, and Ser-319) that are conserved in other FOXO proteins. The t(2;13) and the variant t(1;13) translocations generate PAX3/FKHR and PAX7/FKHR fusion proteins respectively. The resulting protein is a transcriptional activator. Defects in FOXO1 are a cause of rhabdomyosarcoma type 2 (RMS2).

Stockage

Stockage:
Stocker à -20 °C. Éviter toute exposition à la lumière. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

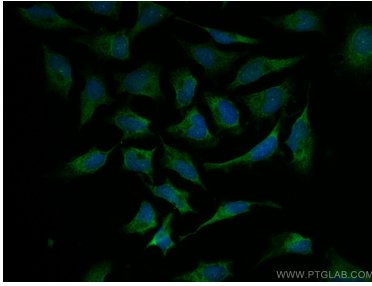
For technical support and original validation data for this product please contact:

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

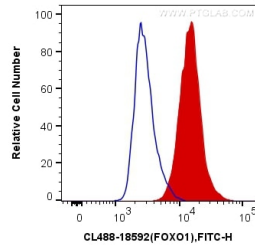
E: proteintech@ptglab.com
W: ptglab.com

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

Données de validation sélectionnées



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using CoraLite® Plus 488 FOXO1 antibody (CL488-18592) at dilution of 1:200.



1X10⁶ HeLa cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human FOXO1 (CL488-18592) (red), or 0.4 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).