

À des fins de recherche uniquement

Anticorps Monoclonal anti-FOXO1

Numéro de catalogue: 66457-1-Ig

Phare

6 Publications



Informations de base

Numéro de catalogue:

66457-1-Ig

Numéro d'acquisition GenBank:

BC021981

Méthode de purification:

Purification par protéine G

Taille:

150ul, Concentration: 1300 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;

Identification du gène (NCBI):

2308

CloneNo.:

1D9A2

Hôte:

Mouse

Nom complet:

forkhead box O1

Dilutions recommandées:

WB 1:1000-1:6000

Isotype:

IgG1

MW calculé

655 aa, 70 kDa

MW observés:

70 kDa

Immunogen Catalog Number:

AG13296

Applications

Applications testées:

WB, ELISA

Demandes citées:

CoIP, IF, WB

Spécificité de l'espèce:

Humain

Espèces citées:

Humain

Contrôles positifs:

WB : cellules HeLa, cellules HEK-293, cellules L02, cellules SMMC-7721

Informations générales

FOXO1, also named as FOXO1A, FKHR and FK1, 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 LRPPRC 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).

Publications notables

Autrice	Pubmed ID	Journal	Application
Xue Wang	33107700	Thorac Cancer	WB
Hao Zhang	34803509	Int J Biol Sci	WB
Bing Yu	34758440	Int Immunopharmacol	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.

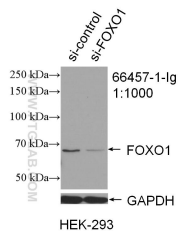
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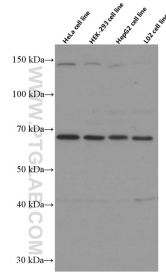
E: proteintech@ptglab.com
W: ptglab.com

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

Données de validation sélectionnées



WB result of FOXO1 antibody (66457-1-Ig; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-FOXO1 transfected HEK-293 cells.



Various lysates were subjected to SDS PAGE followed by western blot with 66457-1-Ig (FOXO1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.