

Nur für Forschungszwecke

FOXO1 Monoklonaler Antikörper

Katalog-Nr.:66457-1-Ig

Vorgestelltes Produkt

5 Publikationen



Allgemeine Informationen

Katalog-Nr.:
66457-1-Ig

Größe:
150ul, Konzentration: 1300 µg/ml von 2308
Nanodrop und 1000 µg/ml durch die
Bradford-Methode mit BSA als
Standard;

Wirt:
Maus

Isotyp:
IgG1

Immunogen Katalognummer:
AG13296

GenBank-Zugangsnummer:
BC021981

GeneID (NCBI):

Vollständiger Name:
forkhead box O1

Berechnete Masse:
655 aa, 70 kDa

Beobachtete Masse:
70 kDa

Reinigungsmethode:
Protein-G-Reinigung

CloneNo.:
1D9A2

Empfohlene Verdünnungen:
WB 1:1000-1:6000

Anwendungen

Geprüfte Anwendungen:
WB, ELISA

In Publikationen genannte Anwendungen:
CoIP, IF, WB

Getestete Reaktivität:
Human

Zitierte Arten:
Human

Positivkontrollen:

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

Hintergrundinformationen

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 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).

Bemerkenswerte Veröffentlichungen

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

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

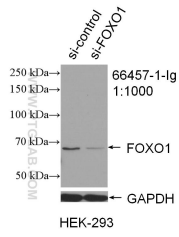
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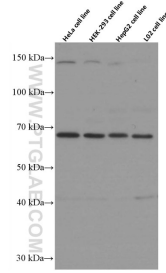
E: proteintech@ptglab.com
W: ptglab.com

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

Ausgewählte Validierungsdaten



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.