

For Research Use Only

Phospho-FOXO1 (Ser319) Polyclonal antibody

Catalog Number: 28757-1-AP

2 Publications



Basic Information

Catalog Number:

28757-1-AP

Size:

100ul, Concentration: 260 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC021981

GeneID (NCBI):

2308

UNIPROT ID:

Q12778

Full Name:

forkhead box O1

Calculated MW:

655 aa, 70 kDa

Observed MW:

70-80 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, IF

Species Specificity:

Human

Cited Species:

human, rat

Positive Controls:

WB : MCF-7 cells, Cobalt Chloride treated MCF-7 cells

Background Information

The forkhead box class O (FoxO) family in mammals is comprised of the evolutionally highly conserved forkhead transcription factors, FoxO1, FoxO3a, FoxO4, and FoxO6. FoxO1 is highly expressed in lymphoid cells, especially in T and B cells. FoxO1 phosphorylation determines the transcriptional activity and cellular localization of FoxO1. Results showed that GLK-IKK β signaling triggered the nuclear export of FoxO1. (PMID: 35966593)

Notable Publications

Author	Pubmed ID	Journal	Application
Hu Qi	39423947	J Ethnopharmacol	WB
Xiao Wang	38987795	Parasit Vectors	WB,IF

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

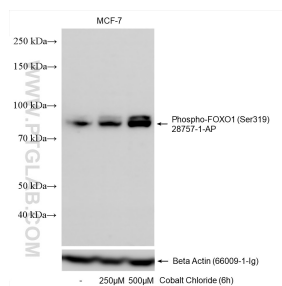
For technical support and original validation data for this product please contact:

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

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Selected Validation Data



Non-treated MCF-7 cells and Cobalt Chloride treated MCF-7 cells were subjected to SDS PAGE followed by western blot with 28757-1-AP (Phospho-FOXO1 (Ser319) antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with Beta Actin antibody as loading control.