

For Research Use Only

Phospho-FOXO1 (Ser319) Polyclonal antibody



Catalog Number: 28757-1-AP

Basic Information

Catalog Number: 28757-1-AP	GenBank Accession Number: BC021981	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 260 µg/ml by Nanodrop;	GeneID (NCBI): 2308	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	Full Name: forkhead box O1	
Isotype: IgG	Calculated MW: 655 aa, 70 kDa	
	Observed MW: 70-80 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : MCF-7 cells, Cobalt Chloride treated MCF-7 cells
Species Specificity: Human	

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)

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

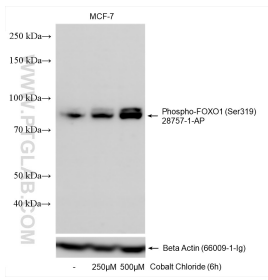
For technical support and original validation data for this product please contact:

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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.