

For Research Use Only

FOXO1 Recombinant antibody, PBS Only (Detector)

Catalog Number:82997-5-PBS



Basic Information

Catalog Number: 82997-5-PBS	GenBank Accession Number: BC021981	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 2308	CloneNo.: 230183E3
Source: Rabbit	UNIPROT ID: Q12778	
Isotype: IgG	Full Name: forkhead box O1	
Immunogen Catalog Number: AG13296	Calculated MW: 655 aa, 70 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Background Information

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

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

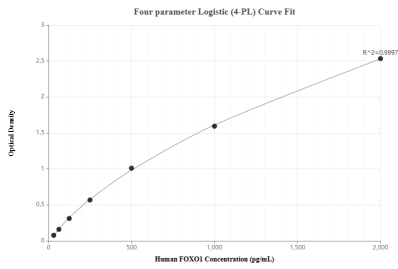
T: 4006900926

E: Proteintech-CN@ptglab.com

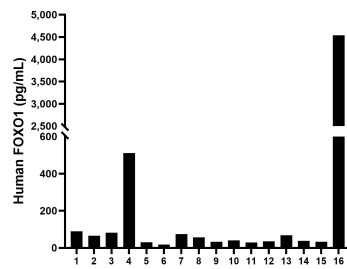
W: ptgcn.com

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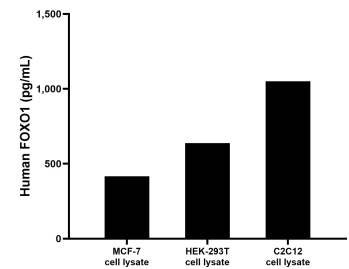
Selected Validation Data



Sandwich ELISA standard curve of MP00024-3, Human FOXO1 Recombinant Matched Antibody Pair - PBS only. 82997-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag34671. 82997-5-PBS was HRP conjugated as the detection antibody. Range: 31.25-2000 pg/mL



Serum of sixteen individual healthy human donors was measured. The human FOXO1 concentration of detected samples was determined to be 359.1 pg/mL with a range of 18.5 - 4,538.3 pg/mL



MCF-7, HEK-293T and C2C12 cell lysates were measured. The human FOXO1 concentration of detected samples was determined to be 416.1 pg/mL (based on a 1.2 mg/mL extract load) in MCF-7 cell lysate, 637.3 pg/mL (based on a 1.4 mg/mL extract load) in HEK-293T cell lysate and 1,050.2 pg/mL (based on a 3.2 mg/mL extract load) in C2C12 cell lysate.