

For Research Use Only

4EBP1 Recombinant antibody, PBS Only (Capture/Detector)



Catalog Number: 83890-1-PBS

Basic Information

Catalog Number: 83890-1-PBS	GenBank Accession Number: BC004459	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 1978	CloneNo.: 241055C6
Source: Rabbit	UNIPROT ID: Q13541	
Isotype: IgG	Full Name: eukaryotic translation initiation factor 4E binding protein 1	
Immunogen Catalog Number: AG5056	Calculated MW: 118 aa, 12 kDa	

Applications

Tested Applications:
Cytometric bead array, 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:

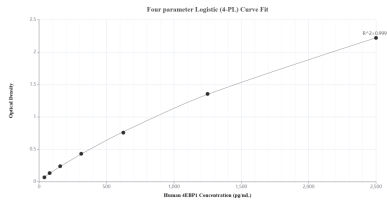
T: 4006900926

E: Proteintech-CN@ptglab.com

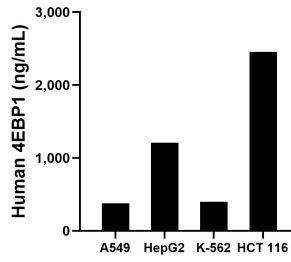
W: ptgcn.com

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

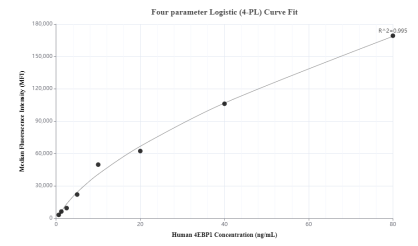
Selected Validation Data



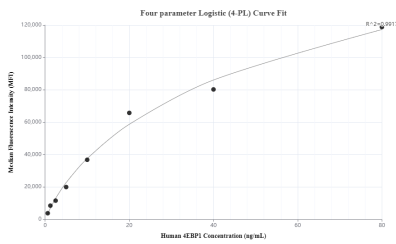
Sandwich ELISA standard curve of MP00559-3, Human 4EBP1 Recombinant Matched Antibody Pair - PBS only. 83890-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag5056. 83890-2-PBS was HRP conjugated as the detection antibody. Range: 39.06-2500 pg/mL



The mean 4EBP1 concentration was determined to be 375.9 ng/mL in A549 cell extract based on a 3.0 mg/mL extract load, 1,210.9 ng/mL in HepG2 cell extract based on a 8.5 mg/mL extract load, 396.7 ng/mL in K-562 cell extract based on a 5.2 mg/mL extract load and 2,456.3 ng/mL in HCT 116 cell extract based on a 6.1 mg/mL extract load.



Cytometric bead array standard curve of MP00559-3, 4EBP1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83890-1-PBS. Detection antibody: 83890-2-PBS. Standard: Ag5056. Range: 0.625-80 ng/mL



Cytometric bead array standard curve of MP00559-4, 4EBP1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83890-4-PBS. Detection antibody: 83890-1-PBS. Standard: Ag5056. Range: 0.625-80 ng/mL