

For Research Use Only

PEBP4 Recombinant antibody, PBS Only (Capture)

Catalog Number: 83589-7-PBS



Basic Information

Catalog Number: 83589-7-PBS	GenBank Accession Number: BC020779	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 157310	CloneNo.: 240547G9
Source: Rabbit	UNIPROT ID: Q96S96	
Isotype: IgG	Full Name: phosphatidylethanolamine-binding protein 4	
Immunogen Catalog Number: AG9710	Calculated MW: 223 aa, 25 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

83589-7-PBS targets PEBP4 as part of a matched antibody pair:

MP00574-4: 83589-7-PBS capture and 83589-6-PBS detection (validated in Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

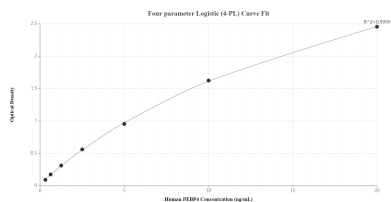
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS Only

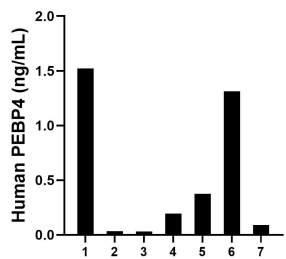
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

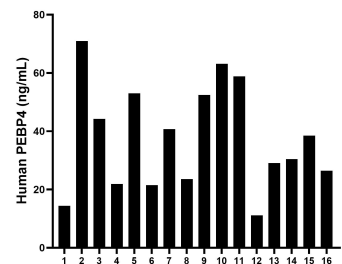
Selected Validation Data



Sandwich ELISA standard curve of MP00574-4, Human PEBP4 Recombinant Matched Antibody Pair - PBS only. 83589-7-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag9710. 83589-6-PBS was HRP conjugated as the detection antibody. Range: 0.313-20 ng/mL



Urine of seven individual healthy human donors was measured. The PEBP4 concentration of detected samples was determined to be 0.51 ng/mL with a range of 0.09-1.52 ng/mL.



Serum of sixteen individual healthy human donors was measured. The PEBP4 concentration of detected samples was determined to be 37.5 ng/mL with a range of 11.15-70.94 ng/mL.