

For Research Use Only

# ACTH Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP02726-1

## Capture Antibody Information

Catalog Number:  
82498-4-PBS

Host:  
Rabbit

Isotype:  
IgG

Purification Method:  
Protein A purification

Clone ID:  
250672D2

Reactivity:  
human

GenBank:  
BC065832

Conjugate:  
Unconjugated

Full name:  
proopiomelanocortin

Gene ID:  
5443

## Detection Antibody Information

Catalog Number:  
82498-3-PBS

Host:  
Rabbit

Isotype:  
IgG

Purification Method:  
Protein A purification

Clone ID:  
250672D6

Reactivity:  
human

GenBank:  
BC065832

Conjugate:  
Unconjugated

Full name:  
proopiomelanocortin

Gene ID:  
5443

## Applications

Tested Applications:  
Sandwich ELISA

Range:  
9.77-625 pg/mL (Sandwich ELISA)

Recommended Dilutions:  
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

## Product Information

MP02726-1 targets ACTH in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: ACTH Recombinant monoclonal antibody, PBS Only (Capture) 82498-4-PBS (250672D2). 100  $\mu$ g. Concentration 1 mg/mL.

Detection antibody: ACTH Recombinant monoclonal antibody, PBS Only (Detector) 82498-3-PBS (250672D6). 100  $\mu$ g. Concentration 1 mg/mL.

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only 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.

Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

## 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:

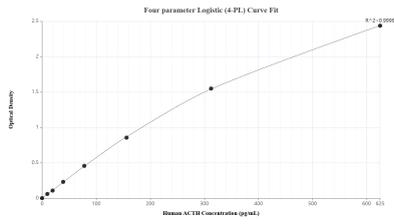
T: 4006900926

E: Proteintech-CN@ptglab.com

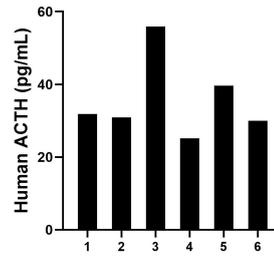
W: ptgcn.com

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 MP02726-1, Human ACTH Recombinant Matched Antibody Pair - PBS only. 82498-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard SY02515. 82498-3-PBS was HRP conjugated as the detection antibody. Range: 9.77-625 pg/mL



Plasma of six individual healthy human donors was measured. The ACTH concentration of detected samples was determined to be 35.6 pg/mL with a range of 25.1-55.9 pg/mL.