

For Research Use Only

Synaptophysin Recombinant Matched Antibody Pair, PBS Only



Catalog Number: MP00345-4

Capture Antibody Information

Catalog Number:
82900-8-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
240162E8

Reactivity:
human

Immunogen Catalog Number:
Ag11781

Conjugate:
Unconjugated

Full name:
synaptophysin

Gene ID:
6855

Detection Antibody Information

Catalog Number:
82900-4-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
240162C3

Reactivity:
human

GenBank:
BC064550

Immunogen Catalog Number:
Ag11781

Conjugate:
Unconjugated

Full name:
synaptophysin

Gene ID:
6855

Applications

Tested Applications:
Sandwich ELISA

Range:
0.313-20 ng/mL (Sandwich ELISA)

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

Product Information

MP00345-4 targets Synaptophysin in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Synaptophysin Recombinant antibody, PBS Only (Capture) 82900-8-PBS (240162E8). 100 µg. Concentration 1 mg/ml.

Detection antibody: Synaptophysin Recombinant antibody, PBS Only (Capture/Detector) 82900-4-PBS (240162C3). 100 µg. Concentration 1 mg/ml.

Alternative Synaptophysin matched antibody pairs: MP00345-1, MP00345-2, MP00345-3, MP50359-1, MP50359-2

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.
Storage buffer:
PBS only

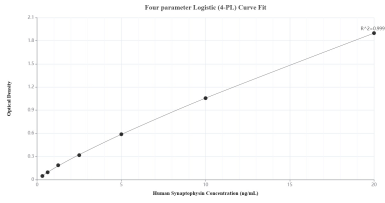
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

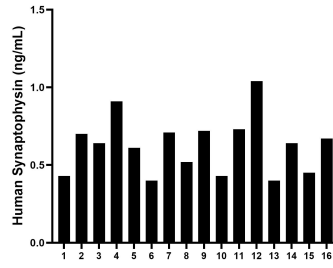
E: proteintech@ptglab.com
W: ptglab.com

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

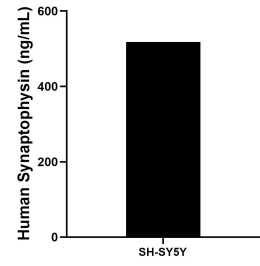
Selected Validation Data



Sandwich ELISA standard curve of MP00345-4, Human Synaptophysin Recombinant Matched Antibody Pair - PBS only. 82900-8-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag11781. 82900-4-PBS was HRP conjugated as the detection antibody. Range: 0.313-20 ng/mL



Serum of sixteen individual healthy human donors was measured. The Synaptophysin concentration of detected samples was determined to be 0.63 ng/mL with a range of 0.40 - 1.04 ng/mL



The mean Synaptophysin concentration was determined to be 518.35 ng/mL in SH-SY5Y cell extract based on a 2.2 mg/mL extract load.