

For Research Use Only

Synaptophysin Recombinant antibody, PBS Only (Capture)

Catalog Number: 82900-8-PBS



Basic Information

Catalog Number:

82900-8-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11781

GenBank Accession Number:

BC064550

GeneID (NCBI):

6855

UNIPROT ID:

P08247

Full Name:

synaptophysin

Calculated MW:

313 aa, 34 kDa

Purification Method:

Protein A purification

CloneNo.:

240162E8

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:

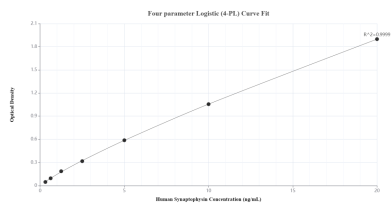
T: 4006900926

E: Proteintech-CN@ptglab.com

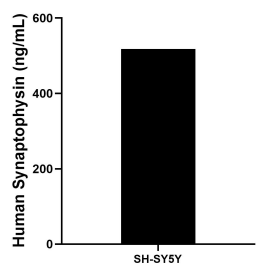
W: ptgcn.com

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

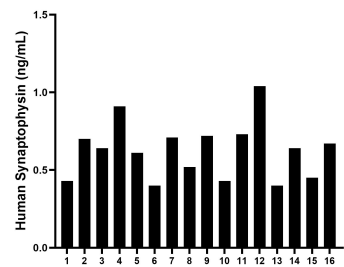
Selected Validation Data



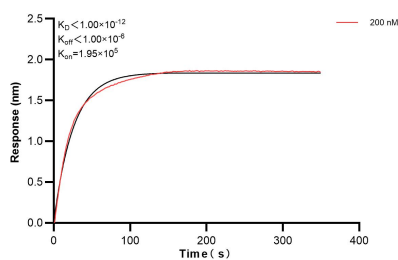
Sandwich ELISA standard curve of MP00345-4₁ Human Synaptophysin Recombinant Matched Antibody Pair - PBS only. 82900-8-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag11781. 82900-4₁-PBS was HRP conjugated as the detection antibody. Range: 0.313-20 ng/mL.



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.



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.



Biolayer interferometry (BLI) kinetic assay of 82900-8-PBS against Human Synaptophysin was performed. The affinity constant is below 1 pM.