

For Research Use Only

# Synaptotagmin-1 Recombinant antibody, PBS Only (Capture/Detector)

Catalog Number: 83637-1-PBS



## Basic Information

Catalog Number:

83637-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG5970

GenBank Accession Number:

BC058917

GeneID (NCBI):

6857

UNIPROT ID:

P21579

Full Name:

synaptotagmin I

Calculated MW:

48 kDa

Purification Method:

Protein A purification

CloneNo.:

240589D9

## 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:

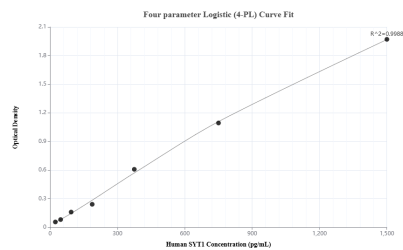
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

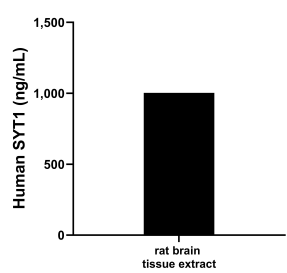
W: [ptgcn.com](http://ptgcn.com)

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

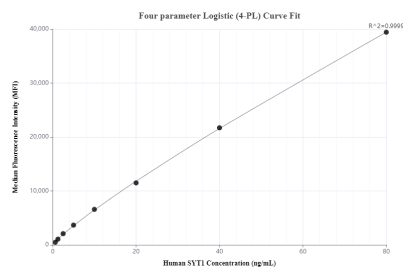
## Selected Validation Data



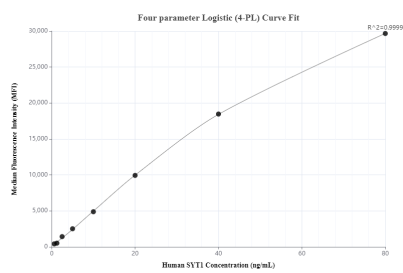
Sandwich ELISA standard curve of MP00633-4, Human Synaptotagmin-1 Recombinant Matched Antibody Pair - PBS only. 83637-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag5970. 83637-5-PBS was HRP conjugated as the detection antibody. Range: 23.4-1500 pg/mL



The mean human Synaptotagmin-1 concentration was determined to be 1,002.8 ng/mL in rat brain tissue extract based on a 3.0 mg/mL extract load.



Cytometric bead array standard curve of MP00633-1, Synaptotagmin-1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83637-2-PBS. Detection antibody: 83637-1-PBS. Standard: Ag5970. Range: 0.625-80 ng/mL



Cytometric bead array standard curve of MP00633-3, Synaptotagmin-1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83637-3-PBS. Detection antibody: 83637-1-PBS. Standard: Ag5970. Range: 0.625-80 ng/mL