

UNC13A Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP00100-4**

Capture Antibody Information

Catalog Number:

83000-4-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

240017G11

Reactivity:

human

GenBank:

NM_001080421

Conjugate:

Unconjugated

Full name:

unc-13 homolog A (C. elegans)

Gene ID:

23025

Detection Antibody Information

Catalog Number:

83000-2-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

240017B11

Reactivity:

human

GenBank:

NM_001080421

Conjugate:

Unconjugated

Full name:

unc-13 homolog A (C. elegans)

Gene ID:

23025

Applications

Tested Applications:

Sandwich ELISA

Range:

3.13-200 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

MP00100-4 targets UNC13A in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: UNC13A Recombinant monoclonal antibody, PBS Only (Capture) 83000-4-PBS (240017G11). 100 μ g. Concentration 1 mg/mL.

Detection antibody: UNC13A Recombinant monoclonal antibody, PBS Only (Capture/Detector) 83000-2-PBS (240017B11). 100 μ 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:

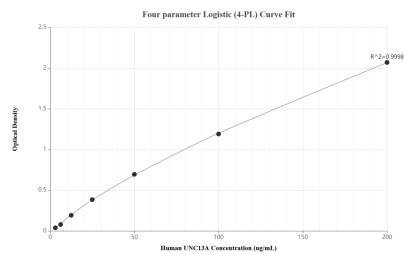
Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

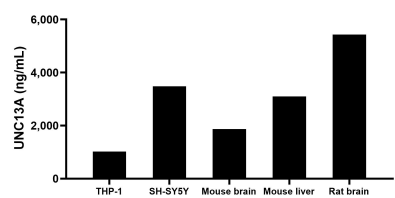
Storage buffer:

PBS only

Selected Validation Data



Sandwich ELISA standard curve of MP00100-4, Human UNC13A Recombinant Matched Antibody Pair - PBS only. 83000-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard SY01073. 83000-2-PBS was HRP conjugated as the detection antibody. Range: 3.13-200 ng/mL



The mean UNC13A concentration was determined to be 1,022.00 ng/mL in THP-1 cell extract based on a 1.20 mg/mL extract load, 3,478.30 ng/mL in SH-SY5Y cell extract based on a 1.20 mg/mL extract load, 1,872.50 ng/mL in mouse brain extract based on a 3.20 mg/mL extract load, 3,096.70 ng/mL in mouse liver extract based on a 8.40 mg/mL extract load and 5,434.00 ng/mL in rat brain extract based on a 3.90 mg/mL extract load.