

For Research Use Only

TH Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP02201-2

Capture Antibody Information

Catalog Number:
85929-1-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
250146H1

Reactivity:
human

Immunogen Catalog Number:
Ag23034

Conjugate:
Unconjugated

Full name:
tyrosine hydroxylase

Gene ID:
7054

Detection Antibody Information

Catalog Number:
85929-4-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
250146A8

Reactivity:
human

GenBank:
BC104967

Immunogen Catalog Number:
Ag23034

Conjugate:
Unconjugated

Full name:
tyrosine hydroxylase

Gene ID:
7054

Applications

Tested Applications:
Sandwich ELISA

Range:
78.1-5000 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

MP02201-2 targets TH in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: TH Recombinant antibody, PBS Only (Capture) 85929-1-PBS (250146H1). 100 µg. Concentration 1 mg/mL.

Detection antibody: TH Recombinant antibody, PBS Only (Detector) 85929-4-PBS (250146A8). 100 µg. 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.
Storage buffer:
PBS only

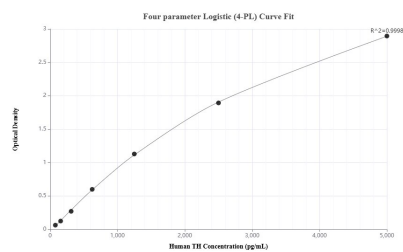
For technical support and original validation data for this product please contact:

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

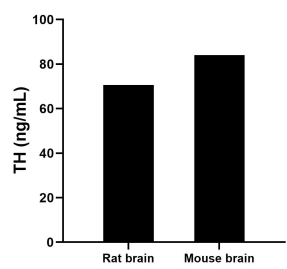
E: proteintech@ptglab.com
W: ptglab.com

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 MP02201-2, Human TH Recombinant Matched Antibody Pair - PBS only. 85929-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag23034. 85929-4-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL



The mean TH concentration was determined to be 70.56 ng/mL in rat brain tissue extract based on a 1.6 mg/mL extract load and 84.13 ng/mL in mouse brain tissue extract based on a 6.6 mg/mL extract load.