

For Research Use Only

HCN4 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP02303-1

Capture Antibody Information

Catalog Number:
85222-1-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
242695C9
Reactivity:
human

Conjugate:
Unconjugated
Full name:
hyperpolarization activated cyclic nucleotide-gated potassium channel 4
Gene ID:
10021

Detection Antibody Information

Catalog Number:
85222-2-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
242695D2
Reactivity:
human
GenBank:
NM_005477

Conjugate:
Unconjugated
Full name:
hyperpolarization activated cyclic nucleotide-gated potassium channel 4
Gene ID:
10021

Applications

Tested Applications:
Sandwich ELISA

Range:
15.6-1000 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

MP02303-1 targets HCN4 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: HCN4 Recombinant antibody, PBS Only (Capture) 85222-1-PBS (242695C9). 100 µg. Concentration 1 mg/mL.

Detection antibody: HCN4 Recombinant antibody, PBS Only (Detector) 85222-2-PBS (242695D2). 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

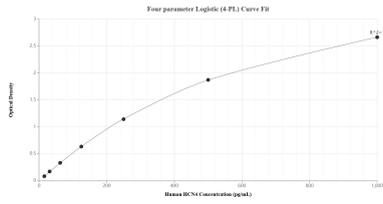
For technical support and original validation data for this product please contact:

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

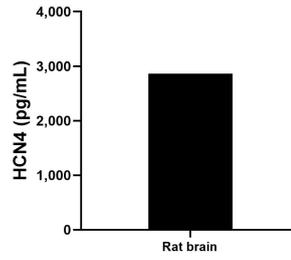
E: proteintech@ptglab.com
W: ptglab.com

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 MP02303-1, Human HCN4 Recombinant Matched Antibody Pair - PBS only. 85222-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard SY01281. 85222-2-PBS was HRP conjugated as the detection antibody. Range: 15.6-1000 pg/mL.



The mean HCN4 concentration was determined to be 2,863.9 pg/mL in rat brain tissue extract based on a 8.2 mg/mL extract load.