

For Research Use Only

Aquaporin 4 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP00781-4

Capture Antibody Information

Catalog Number:
82296-7-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
240856C1

Reactivity:
human

Immunogen Catalog Number:
Ag9561

Conjugate:
Unconjugated

Full name:
Aquaporin 4

Gene ID:
361

Detection Antibody Information

Catalog Number:
82296-3-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
240856B2

Reactivity:
human

GenBank:
BC022286

Immunogen Catalog Number:
Ag9561

Conjugate:
Unconjugated

Full name:
Aquaporin 4

Gene ID:
361

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

MP00781-4 targets Aquaporin 4 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: AQP4 Recombinant antibody, PBS Only (Capture) 82296-7-PBS (240856C1). 100 µg. Concentration 1 mg/ml.

Detection antibody: Aquaporin 4 Recombinant antibody, PBS Only (Capture/Detector) 82296-3-PBS (240856B2). 100 µg. Concentration 1 mg/ml.

Alternative Aquaporin 4 matched antibody pairs: MP00781-1, MP00781-2, MP00781-3

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

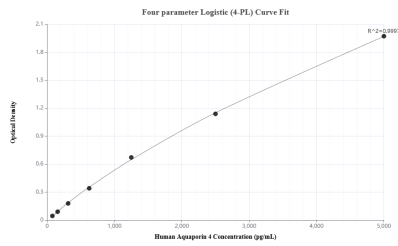
For technical support and original validation data for this product please contact:

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

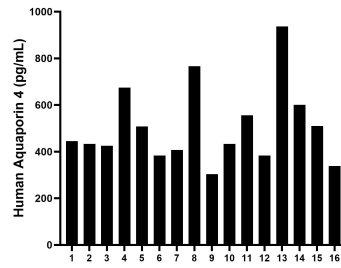
E: proteintech@ptglab.com
W: ptglab.com

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 MP00781-4, Human Aquaporin 4 Recombinant Matched Antibody Pair - PBS only. 82296-7-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag9561. 82296-3-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL



Serum of sixteen humans was measured. The human Aquaporin 4 concentration of detected samples was determined to be 506.6 pg/mL with a range of 303.9 - 937.2 pg/mL