

For Research Use Only

# SCN9A Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP02070-3

## Capture Antibody Information

**Catalog Number:**  
85279-5-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
242997H1  
**Reactivity:**  
human

**Conjugate:**  
Unconjugated  
**Full name:**  
sodium channel, voltage-gated, type IX, alpha subunit  
**Gene ID:**  
6335

## Detection Antibody Information

**Catalog Number:**  
85279-2-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
242997F10  
**Reactivity:**  
human  
**GenBank:**  
NM\_001365536.1

**Conjugate:**  
Unconjugated  
**Full name:**  
sodium channel, voltage-gated, type IX, alpha subunit  
**Gene ID:**  
6335

## Applications

**Tested Applications:**  
Sandwich ELISA

**Range:**  
31.3-2000 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

MP02070-3 targets SCN9A in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: SCN9A Recombinant monoclonal antibody, PBS Only (Capture) 85279-5-PBS (242997H1). 100 µg. Concentration 1 mg/mL.

Detection antibody: SCN9A Recombinant monoclonal antibody, PBS Only (Capture/Detector) 85279-2-PBS (242997F10). 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

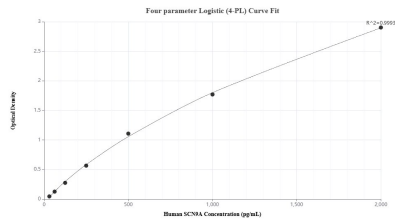
For technical support and original validation data for this product please contact:

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

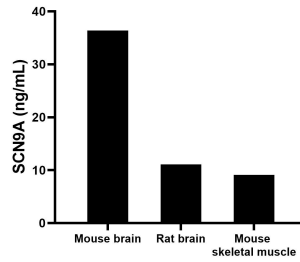
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

**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 MP02070-3, Human SCN9A Recombinant Matched Antibody Pair - PBS only. 85279-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard SY02473. 85279-2-PBS was HRP conjugated as the detection antibody. Range: 31.3-2000 pg/mL



The mean SCN9A concentration was determined to be 36.40 ng/mL in mouse brain tissue extract based on a 6.3 mg/mL extract load, 11.10 ng/mL in rat brain tissue extract based on a 3.9 mg/mL extract load and 9.10 ng/mL in mouse skeletal muscle tissue extract based on a 4.1 mg/mL extract load.