

# KCND3 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP00616-4**

## Capture Antibody Information

**Catalog Number:**

83640-3-PBS

**Host:**

Rabbit

**Isotype:**

IgG

**Purification Method:**

Protein A purification

**Clone ID:**

240578C11

**Reactivity:**

human

**Immunogen Catalog Number:**

Ag22183

**Conjugate:**

Unconjugated

**Full name:**

potassium voltage-gated channel, Shal-related subfamily, member 3

**Gene ID:**

3752

## Detection Antibody Information

**Catalog Number:**

83640-6-PBS

**Host:**

Rabbit

**Isotype:**

IgG

**Purification Method:**

Protein A purification

**Clone ID:**

240578B7

**Reactivity:**

human

**GenBank:**

BC113477

**Immunogen Catalog Number:**

Ag22183

**Conjugate:**

Unconjugated

**Full name:**

potassium voltage-gated channel, Shal-related subfamily, member 3

**Gene ID:**

3752

## Applications

**Tested Applications:**

Sandwich ELISA

**Range:**

9.8-625 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

MP00616-4 targets KCND3 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: KCND3 Recombinant antibody, PBS Only (Capture) 83640-3-PBS (240578C11). 100 µg. Concentration 1 mg/mL.

Detection antibody: KCND3 Recombinant antibody, PBS Only (Detector) 83640-6-PBS (240578B7). 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

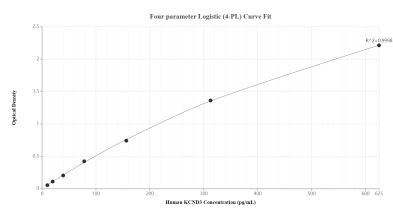
For technical support and original validation data for this product please contact:

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

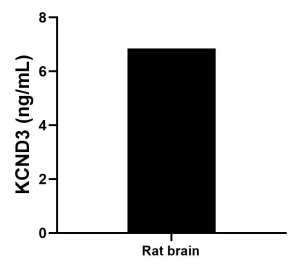
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## Selected Validation Data



Sandwich ELISA standard curve of MP00616-4, Human KCND3 Recombinant Matched Antibody Pair - PBS only. 83640-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag22183. 83640-6-PBS was HRP conjugated as the detection antibody. Range: 9.8-625 pg/mL.



The mean KCND3 concentration was determined to be 6.85 ng/mL in rat brain tissue extract based on a 4.70 mg/mL extract load.