

For Research Use Only

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.

Alternative KCND3 matched antibody pairs: MP00616-1, MP00616-2, MP00616-3

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

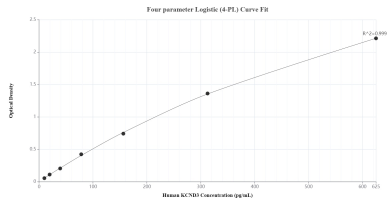
For technical support and original validation data for this product please contact:

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

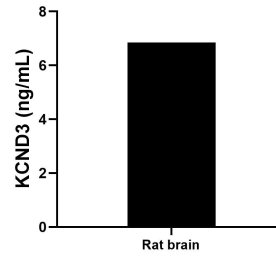
E: proteintech@ptglab.com
W: ptglab.com

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 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 cell extract based on a 4.70 mg/mL extract load.