

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
GenBank:
BC113477
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.

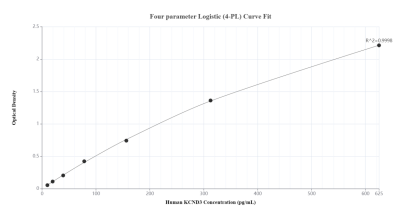
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

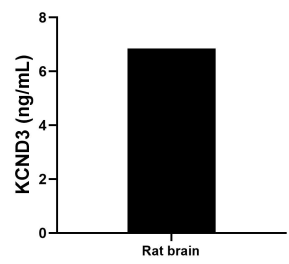
Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage buffer:
PBS only

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.