

NCX1 Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP01816-1

Capture Antibody Information

Catalog Number:
85082-3-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
242764F6
Reactivity:
human
GenBank:
NM_021097
Immunogen Catalog Number:
Ag28952

Conjugate:
Unconjugated
Full name:
solute carrier family 8
(sodium/calcium exchanger),
member 1
Gene ID:
6546

Detection Antibody Information

Catalog Number:
85082-2-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
242764D4
Reactivity:
human
GenBank:
NM_021097
Immunogen Catalog Number:
Ag28952

Conjugate:
Unconjugated
Full name:
solute carrier family 8
(sodium/calcium exchanger),
member 1
Gene ID:
6546

Applications

Tested Applications:
Cytometric bead array, Sandwich
ELISA

Range:
0.313-40 ng/mL (Cytometric Bead
Array)
0.313-20 ng/mL (Sandwich ELISA)

Recommended Dilutions:
It is recommended that this reagent
should be titrated in each testing
system to obtain optimal results.

Product Information

MP01816-1 targets NCX1 in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: SLC8A1 Recombinant antibody, PBS Only (Capture) 85082-3-PBS (242764F6). 100 µg. Concentration 1 mg/mL.

Detection antibody: SLC8A1 Recombinant antibody, PBS Only (Detector) 85082-2-PBS (242764D4). 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.

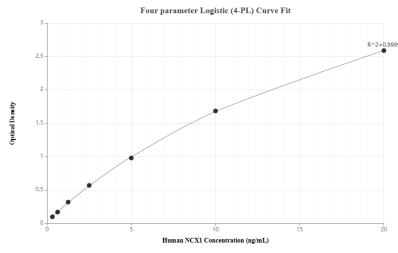
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

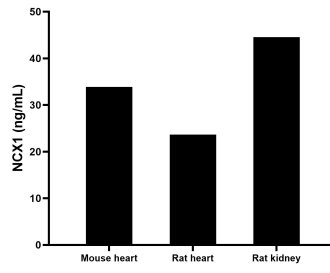
Storage

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

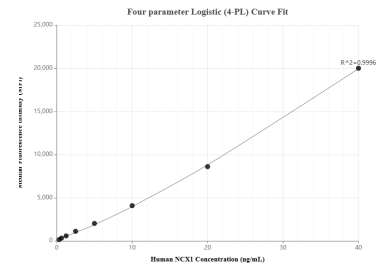
Selected Validation Data



Sandwich ELISA standard curve of MP01816-1, Human NCX1 Recombinant Matched Antibody Pair - PBS only. 85082-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag28952. 85082-2-PBS was HRP conjugated as the detection antibody. Range: 0.313-20 ng/mL



The mean NCX1 concentration was determined to be 33.88 ng/mL in mouse heart tissue extract based on a 1.2 mg/mL extract load, 23.62 ng/mL in rat heart tissue extract based on a 3.0 mg/mL extract load and 44.53 ng/mL in rat kidney tissue extract based on a 2.0 mg/mL extract load.



Cytometric bead array standard curve of MP01816-1, NCX1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85082-3-PBS. Detection antibody: 85082-2-PBS. Standard: Ag28952. Range: 0.313-40 ng/mL