

ACOX1 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP00709-3**

Capture Antibody Information

Catalog Number:
83731-1-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
240754D3
Reactivity:
human
Immunogen Catalog Number:
Ag1405

Conjugate:
Unconjugated
Full name:
acyl-Coenzyme A oxidase 1, palmitoyl
Gene ID:
51

Detection Antibody Information

Catalog Number:
83731-2-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
240754E3
Reactivity:
human, mouse, rat
GenBank:
BC010425
Immunogen Catalog Number:
Ag1405

Conjugate:
Unconjugated
Full name:
acyl-Coenzyme A oxidase 1, palmitoyl
Gene ID:
51

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA

Range:
0.78-50 ng/mL (Cytometric Bead Array)
0.156-10 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

MP00709-3 targets ACOX1 in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: ACOX1 Recombinant antibody, PBS Only (Capture) 83731-1-PBS (240754D3). 100 µg. Concentration 1 mg/mL.

Detection antibody: ACOX1 Recombinant antibody, PBS Only (Detector) 83731-2-PBS (240754E3). 100 µg. Concentration 1 mg/mL.

Alternative ACOX1 matched antibody pairs: MP00709-2

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

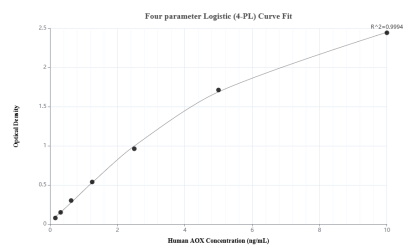
For technical support and original validation data for this product please contact:

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

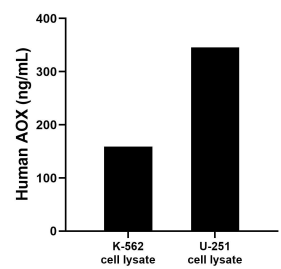
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

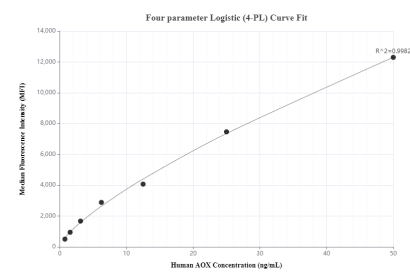
Selected Validation Data



Sandwich ELISA standard curve of MP00709-3, Human AOX Recombinant Matched Antibody Pair - PBS only. 83731-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag1405. 83731-2-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL



K-562 and U-251 cell lysates were measured. The human AOX concentration of detected samples was determined to be 158.79 ng/mL (based on a 2.1 mg/mL extract load) in K-562 cell lysate and 345.46 ng/mL (based on a 1.6 mg/mL extract load) in U-251 cell lysate.



Cytometric bead array standard curve of MP00709-3, AOX Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83731-1-PBS. Detection antibody: 83731-2-PBS. Standard: Ag1405. Range: 0.78-50 ng/mL