

For Research Use Only

ACOX3 Recombinant antibody

Catalog Number: 84027-4-RR



Basic Information

Catalog Number:

84027-4-RR

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG10553

GenBank Accession Number:

BC017053

GeneID (NCBI):

8310

UNIPROT ID:

O15254

Full Name:

acyl-Coenzyme A oxidase 3,
pristanoyl

Calculated MW:

624 aa, 70 kDa

Observed MW:

70-78 kDa

Purification Method:

Protein A purification

CloneNo.:

241172G8

Recommended Dilutions:

WB 1:1000-1:6000

Applications

Tested Applications:

WB, FC (Intra), ELISA

Species Specificity:

human

Positive Controls:

WB : HeLa cells, HepG2 cells, MCF-7 cells, HL-60 cells,
U-251 cells, A549 cells, human placenta tissue

Background Information

Acyl-Coenzyme A oxidase 3 also known as pristanoyl -CoA oxidase (ACOX3) is involved in the desaturation of 2-methyl branched fatty acids in peroxisomes.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

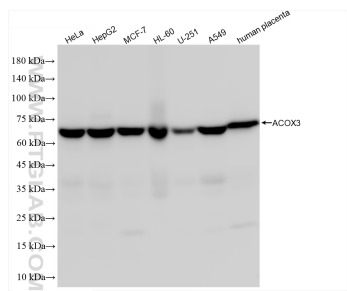
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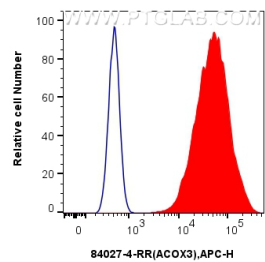
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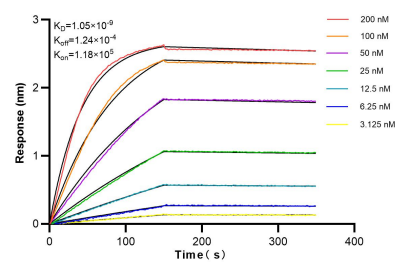
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84027-4-RR (ACOX3 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



1x10⁶ A431 cells were intracellularly stained with 0.25 ug ACOX3 Recombinant antibody (84027-4-RR, Clone:241172G8) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Biolayer interferometry (BLI) kinetic assays of 84027-4-RR against Human ACOX3 were performed. The affinity constant is 1.05 nM.