

Product Datasheet

Aldehyde Oxidase 1/AOX1 Antibody (PSH0-17) NBP3-32018

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP3-32018**Aldehyde Oxidase 1/AOX1 Antibody (PSH0-17)**

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	PSH0-17
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.05% BSA and 40% Glycerol
Target Molecular Weight	148 kDa

Product Description	
Description	Novus Biologicals Rabbit Aldehyde Oxidase 1/AOX1 Antibody (PSH0-17) (NBP3-32018) is a recombinant monoclonal antibody validated for use in IHC, WB and Flow. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	316
Gene Symbol	AOX1
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within human Aldehyde Oxidase 1/AOX1 aa 1,301-1,338 / 1,338. (Uniprot: Q06278)

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500, Flow Cytometry 1:500-1:1000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:200-1:1000



Images

Western Blot: Aldehyde Oxidase 1/AOX1 Antibody (PSH0-17) [NBP3-32018] - Western blot analysis of Aldehyde Oxidase 1/AOX1 on rat liver tissue lysates with Rabbit anti-Aldehyde Oxidase 1/AOX1 antibody (NBP3-32018) at 1/500 dilution.

Lysates/proteins at 20 ug/Lane.

Predicted band size: 148 kDa

Observed band size: 148 kDa

Exposure time: 2 minutes;

6% SDS-PAGE gel.

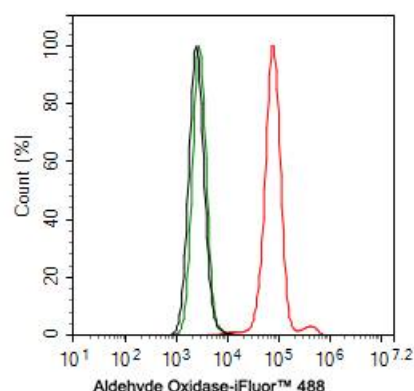
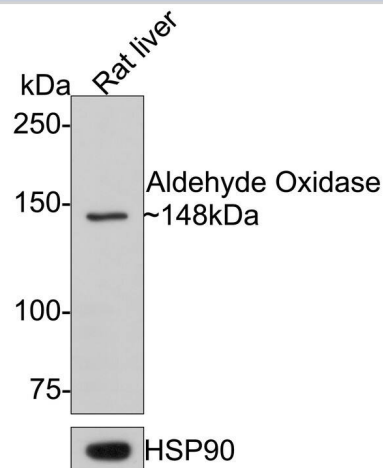
Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32018) at 1/500 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:300,000 dilution was used for 1 hour at room temperature.

Immunohistochemistry: Aldehyde Oxidase 1/AOX1 Antibody (PSH0-17) [NBP3-32018] - Immunohistochemical analysis of paraffin-embedded rat liver tissue with Rabbit anti-Aldehyde Oxidase 1/AOX1 antibody (NBP3-32018) at 1/1,000 dilution.

The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (NBP3-32018) at 1/1,000 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.

Flow Cytometry: Aldehyde Oxidase 1/AOX1 Antibody (PSH0-17) [NBP3-32018] - Flow cytometric analysis of Hela cells labeling Aldehyde Oxidase 1/AOX1.

Cells were fixed and permeabilized. Then stained with the primary antibody (NBP3-32018, 1ug/ml) (red) compared with Rabbit IgG Isotype Control (green). After incubation of the primary antibody at +4°C for an hour, the cells were stained with a iFluor™ 488 conjugate-Goat anti-Rabbit IgG Secondary antibody at 1/1,000 dilution for 30 minutes at +4°C. Unlabelled sample was used as a control (cells without incubation with primary antibody; black).





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Products Related to NBP3-32018

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-89071PEP	Aldehyde Oxidase 1/AOX1 Recombinant Protein Antigen

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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