

# Product Datasheet

## Aldehyde Oxidase 1/AOX1 Antibody - BSA Free NBP1-89071

Unit Size: 0.1 ml

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

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**NBP1-89071**

Aldehyde Oxidase 1/AOX1 Antibody - BSA Free

**Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

**Product Description**

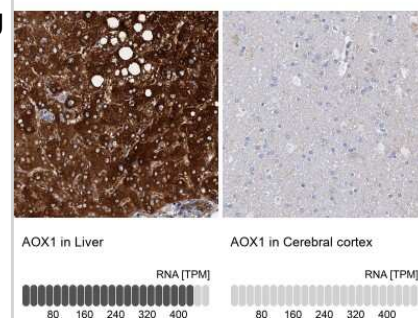
<b>Description</b>	Novus Biologicals Rabbit Aldehyde Oxidase 1/AOX1 Antibody - BSA Free (NBP1-89071) is a polyclonal antibody validated for use in IHC. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	316
<b>Gene Symbol</b>	AOX1
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: GVVDIMTAEHLSDVNSFCFFTEAEKFLATDKVFCVGQLVCAVLADSEVQAKRA AKRVKIVYQDLEPLILTIEESIQHNSSFKPERKLEYGNVDE

**Product Application Details**

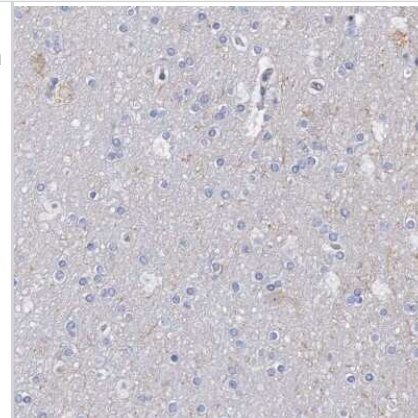
<b>Applications</b>	Immunohistochemistry-Paraffin, Immunohistochemistry
<b>Recommended Dilutions</b>	Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

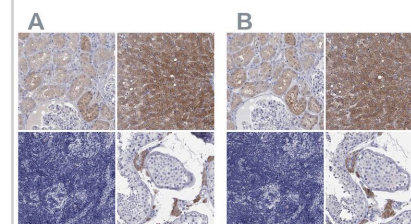
Immunohistochemistry-Paraffin: Aldehyde Oxidase 1/AOX1 Antibody [NBP1-89071] - Staining in human liver and cerebral cortex tissues using anti-AOX1 antibody. Corresponding AOX1 RNA-seq data are presented for the same tissues.



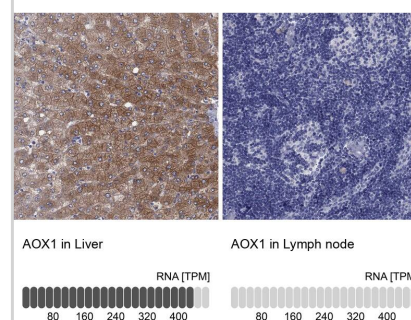
Immunohistochemistry-Paraffin: Aldehyde Oxidase 1/AOX1 Antibody [NBP1-89071] - Staining of human cerebral cortex shows low expression as expected.



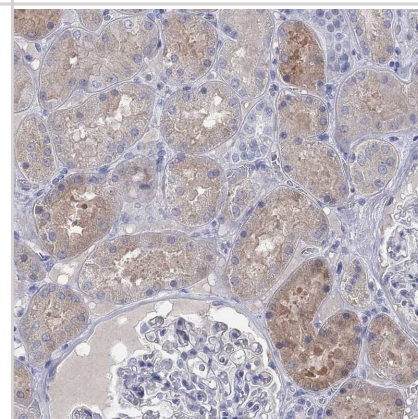
Staining of human kidney, liver, lymph node and testis using NBP1-89071 (A) shows similar protein distribution across tissues to independent antibody NBP1-89070 (B).



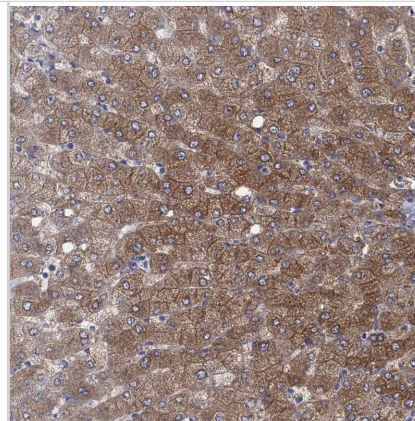
Analysis in human liver and lymph node tissues. Corresponding AOX1 RNA-seq data are presented for the same tissues.



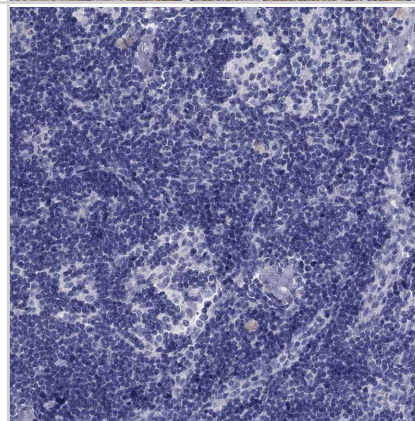
Staining of human kidney shows moderate cytoplasmic positivity in cells in tubules.



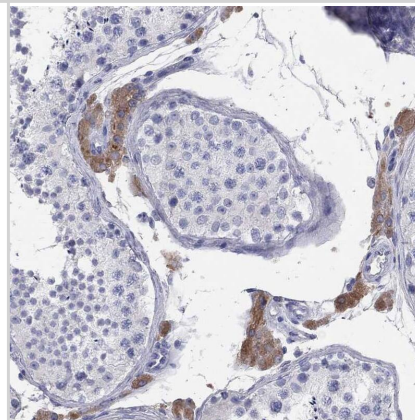
Staining of human liver shows strong cytoplasmic positivity in hepatocytes.



Staining of human lymph node shows no cytoplasmic positivity in non-germinal center cells as expected.



Staining of human testis shows strong cytoplasmic positivity in Leydig cells.





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### **Products Related to NBP1-89071**

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

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### **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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