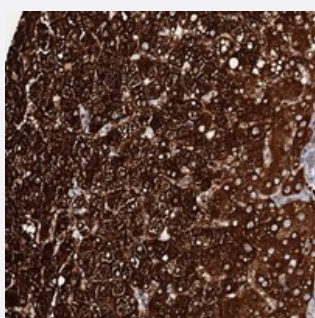


AOX1 polyclonal antibody

Catalog # PAB23634 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human liver with AOX1 polyclonal antibody (Cat # PAB23634) shows strong cytoplasmic positivity in hepatocytes.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant AOX1.
Immunogen	Recombinant protein corresponding to amino acids of human AOX1.
Sequence	MYHALLKHLGTLAGSQIRNMASLGGHISRHPDSDLNPILAVGNCTLNLLSKEGKRQIPLNEQFLSK CPNADLKPQEILVSVNIPYSRKWE
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:500-1:1000) Immunofluorescence (1-4 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)

Storage Instruction

Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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Gene Info — AOX1

Entrez GeneID[316](#)**Protein Accession#**[Q06278](#)**Gene Name**

AOX1

Gene Alias

AO, AOH1

Gene Description

aldehyde oxidase 1

Omim ID[602841](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

Aldehyde oxidase produces hydrogen peroxide and, under certain conditions, can catalyze the formation of superoxide. Aldehyde oxidase is a candidate gene for amyotrophic lateral sclerosis. [provided by RefSeq]

Other Designations

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Pathway

- [Drug metabolism - cytochrome P450](#)
- [Metabolic pathways](#)
- [Nicotinate and nicotinamide metabolism](#)
- [Tryptophan metabolism](#)

- [Tyrosine metabolism](#)
- [Valine](#)
- [Vitamin B6 metabolism](#)

Disease

- [Hearing Loss](#)
- [Inflammatory Bowel Diseases](#)
- [Kidney Failure](#)
- [Tobacco Use Disorder](#)