

Cysteine Dioxygenase / CDO1 Antibody (N-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS16423**Specification**

Cysteine Dioxygenase / CDO1 Antibody (N-Terminus) - Product Information

Application	IHC
Primary Accession	Q16878
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	23kDa KDa

Cysteine Dioxygenase / CDO1 Antibody (N-Terminus) - Additional Information**Gene ID** 1036**Other Names**

Cysteine dioxygenase type 1, 1.13.11.20, Cysteine dioxygenase type I, CDO, CDO-I, CDO1

Target/Specificity

CDO1 antibody is human, mouse and rat reactive.

Reconstitution & Storage

Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

Precautions

Cysteine Dioxygenase / CDO1 Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

Cysteine Dioxygenase / CDO1 Antibody (N-Terminus) - Protein Information**Name** CDO1**Function**

Catalyzes the oxidation of cysteine to cysteine sulfinic acid with addition of molecular dioxygen.

Tissue Location

Highly expressed in liver and placenta. Low expression in heart, brain and pancreas. Also detected in hepatoblastoma Hep-G2 cells.

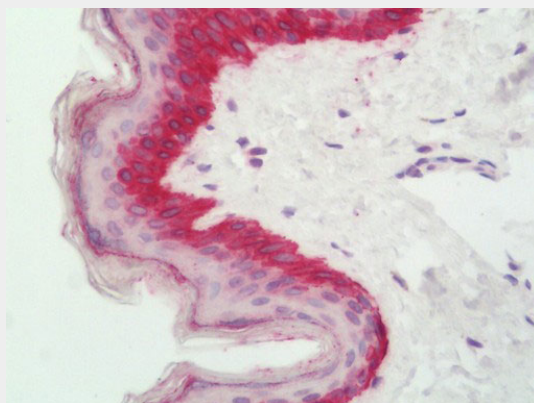
Cysteine Dioxygenase / CDO1 Antibody (N-Terminus) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)

- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Cysteine Dioxygenase / CDO1 Antibody (N-Terminus) - Images



Human Skin: Formalin-Fixed, Paraffin-Embedded (FFPE)

Cysteine Dioxygenase / CDO1 Antibody (N-Terminus) - Background

Initiates several important metabolic pathways related to pyruvate and several sulfurate compounds including sulfate, hypotaurine and taurine. Critical regulator of cellular cysteine concentrations. Has an important role in maintaining the hepatic concentration of intracellular free cysteine within a proper narrow range.

Cysteine Dioxygenase / CDO1 Antibody (N-Terminus) - References

McCann K.P., et al. Biochim. Biophys. Acta 1209:107-110(1994).
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Ramsden D.B., et al. Mol. Pathol. 50:269-271(1997).
Halleck A., et al. Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.
Ota T., et al. Nat. Genet. 36:40-45(2004).