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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

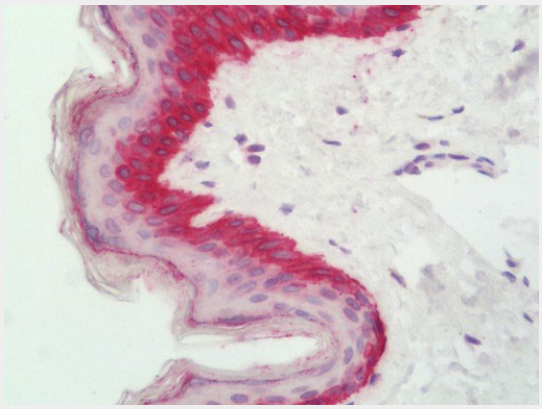
Provided below are standard protocols that you may find useful for product applications.

- Western Blot

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- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- 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 concentation of intracellular free cysteine within a proper narrow range.

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

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