

Rabbit Anti-Mouse Cysteine Dioxygenase I (CDO1) Polyclonal Antibody

Cat. No.: VD5N792

Product Type: Animal-targeted Antibodies

Size: 100 µL; 200 µL; 1 mL

Product Overview

BioVenic rabbit polyclonal antibody is specific for mouse cysteine dioxygenase I. It is purified by protein A/G. It can be applied to WB, IHC, ICC and IP assays of mouse cysteine dioxygenase I.

Specifications

Application	WB; IHC; ICC; IP
Clonality	Polyclonal
Classification	Primary Antibody
Clone	C9N55
Host	Rabbit
Target Species	Mouse
Species Reactivity	Mouse
Specificity	Mouse Cysteine Dioxygenase I
Isotype	IgG
Immunogen	Recombinant protein of mouse cysteine dioxygenase I
Purification	Protein A/G Purified
Purity	≥ 90%
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Preservative and Stabilizer	0.02% Sodium Azide
Buffer	Phosphate Buffered Saline, pH 7.4, with 50% glycerol
Physical State	Liquid

Target Information

Mouse CDO1 is a cytoplasmic metabolic enzyme with conserved metal-binding catalytic domains that maintain stable protein conformation under physiological conditions. It accumulates prominently in hepatic cell populations and participates in intracellular sulfur amino acid metabolism pathways. Its intracellular catalytic multi-domain structure and liver-enriched expression distinguish it from transmembrane cell surface receptors, secreted circulating signaling ligands and chromatin-associated nuclear transcriptional regulators with simplified single-domain assemblies and widespread expression across diverse non-hepatic somatic tissues.

Target	Mouse Cysteine Dioxygenase I
Gene ID	12583
UniProt ID	P60334

Shipping and Storage

This product is shipped with wet ice packs. Store at -20°C on receipt (up to 24 months). Avoid repeated freezing and thawing as this may denature the antibody.

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.