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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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ALDH7A1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00000501-T01

規格 : [100 uL]

List All

Specification

Transfected Cell Line: 293T

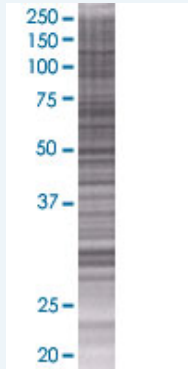
Plasmid: pCMV-ALDH7A1 full-length

Host: Human

Theoretical MW (kDa): 56.32

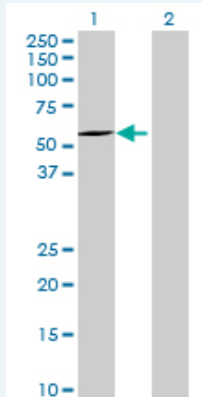
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-ALDH7A1 antibody (H00000501-B01) by Western Blots.

SDS-PAGE Gel



ALDH7A1 transfected lysate.

Western Blot



Lane 1: ALDH7A1 transfected lysate (56.32 KDa)

Lane 2: Non-transfected lysate.

Storage Buffer: 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

MSDS:  [Download](#)

Applications

Western Blot

Gene Information

Entrez GeneID: [501](#)

GeneBank [NM_001182.2](#)
Accession#:

Protein [NP_001173.1](#)
Accession#:

Gene Name: ALDH7A1

Gene Alias: ATQ1,EPD,FLJ11738,FLJ92814,PDE

Gene Description: aldehyde dehydrogenase 7 family, member A1

Omim ID: [107323](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: Antiquitin is a member of subfamily 7 in the aldehyde dehydrogenase gene family. These enzymes are thought to play a major role in the detoxification of aldehydes generated by alcohol metabolism and lipid peroxidation. This particular member has homology to a previously described protein from the green garden pea, the 26g pea turgor protein. Mutations in this gene cause pyridoxine-dependent epilepsy, which involves a combination of various seizure types and is responsive to immediate administration of pyridoxine hydrochloride. Four additional human antiquitin-like sequences, all of which are pseudogenes, have also been identified. [provided by RefSeq]

Other Designations: 26g turgor protein homolog,P6c dehydrogenase,alpha-AASA dehydrogenase,alpha-aminoadipic semialdehyde dehydrogenase,antiquitin 1,delta 1-piperidine-6-carboxylate dehydrogenase

Gene Pathway

[3-Chloroacrylic acid degradation](#) [Arginine and proline metabolism](#)
[Ascorbate and aldarate metabolism](#) [beta-Alanine metabolism](#) [Butanoate metabolism](#)
[Fatty acid metabolism](#) [Glycerolipid metabolism](#) [Glycolysis / Gluconeogenesis](#)
[Histidine metabolism](#) [Limonene and pinene degradation](#) [Lysine degradation](#)
[Metabolic pathways](#) [Propanoate metabolism](#) [Pyruvate metabolism](#) [Tryptophan metabolism](#)
[Valine, leucine and isoleucine degradation](#)

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