

**ECHDC3 Antibody (N-term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AW5004****Specification**

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**ECHDC3 Antibody (N-term) - Product Information**

Application	IHC-P, WB,E
Primary Accession	<a href="#">Q96DC8</a>
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Calculated MW	H=33 KDa
Isotype	Rabbit IgG
Antigen Source	HUMAN

**ECHDC3 Antibody (N-term) - Additional Information****Gene ID** 79746**Antigen Region**  
31-66**Other Names**

Enoyl-CoA hydratase domain-containing protein 3, mitochondrial, ECHDC3

**Dilution**

IHC-P~~1:25

WB~~1:1000

**Target/Specificity**

This ECHDC3 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 31-66 amino acids from the N-terminal region of human ECHDC3.

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

ECHDC3 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**ECHDC3 Antibody (N-term) - Protein Information****Name** ECHDC3 ([HGNC:23489](#))

**Function**

May play a role in fatty acid biosynthesis and insulin sensitivity.

**Cellular Location**

Mitochondrion.

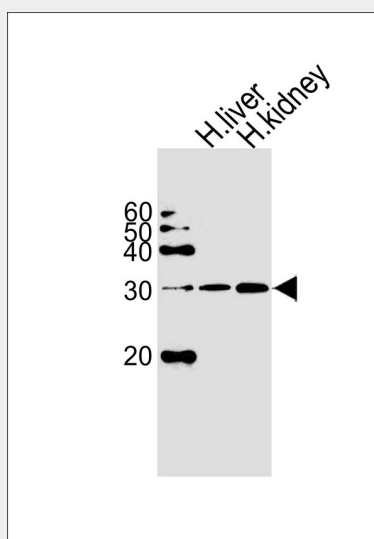
**Tissue Location**

Expressed in adipocytes (PubMed:31010960). Expressed in blood cells, with higher expression in patients with low coronary lesions (PubMed:27586541).

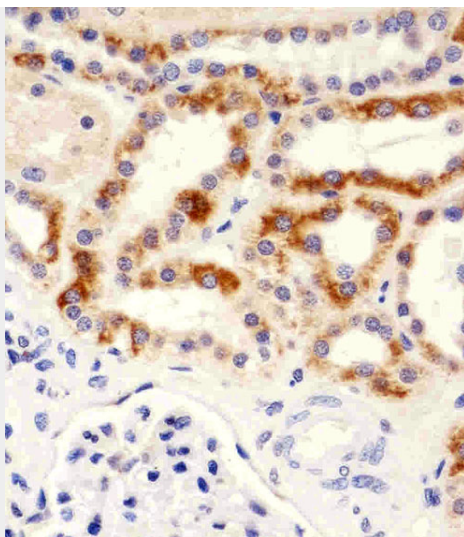
**ECHDC3 Antibody (N-term) - Protocols**

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](#)

**ECHDC3 Antibody (N-term) - Images**

Western blot analysis of lysates from human liver and kidney tissue lysate (from left to right), using ECHDC3 Antibody (N-term)(Cat. #AW5004). AW5004 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody.



Immunohistochemical analysis of paraffin-embedded H. kidney section using ECHDC3 Antibody (N-term)(Cat#AW5004). AW5004 was diluted at 1:25 dilution. A peroxidase-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.

#### **ECHDC3 Antibody (N-term) - References**

- Ota T.,et al.Nat. Genet. 36:40-45(2004).  
Wan D.,et al.Proc. Natl. Acad. Sci. U.S.A. 101:15724-15729(2004).  
Suzuki Y.,et al.Submitted (APR-2005) to the EMBL/GenBank/DDBJ databases.  
Deloukas P.,et al.Nature 429:375-381(2004).  
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