

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

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AW5004

### **Specification**

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

IHC-P, WB,E Application **Primary Accession 096DC8** Reactivity Human **Rabbit** Host 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**

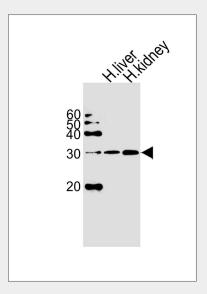
Expressed in adipocytes (PubMed:31010960). Expressed in blood cells, with higher expression in patients with low coronary lesions (PubMed:27586541).

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

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

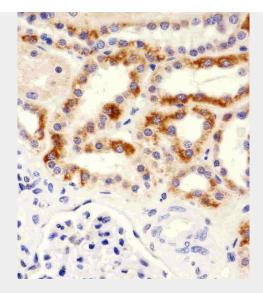
- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

### 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).

Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.