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Datasheet for ABIN947907  
**anti-GCDH antibody (AA 1-438)**

3 Images

Overview

Quantity:	100 µg
Target:	GCDH
Binding Specificity:	AA 1-438
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GCDH antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Purpose:	Rabbit polyclonal antibody raised against a full-length human GCDH protein.
Immunogen:	GCDH (NP_000150.1, 1 a.a. ~ 438 a.a) full-length human protein.
Sequence:	MALRGVSVRL LSRGPGHLHVL RTWVSSAAQT EKGGR TQSQL AKSSRPEFDW QDPLVLEEQL TTDEILIRDT FRTYCQERLM PRILLANRNE VFHREIISEM GELGVLGPTI KGYGCAGVSS VAYGLLAREL ERVDSGYRSA MSVQSSLVMH PIYAYGSEEQ RQKYLPLAK GELLGCFGLT EPNSGSDPSS METRAHYNSS NKSYTTLNGTK TWITNSPMAD LFWVWARCED GCIRGFLEK GMRGLSAPRI QGKFSLRASA TGMIIIMDGVE VPEENVLPGA SSLGGPFGCL NNARYGIAWG VLGASEFCLH TARQYALDRM QFGVPLARNQ LIQKKLADML TEITLGLHAC LQLGRLKDQD KAAPEMVSLK KRNNGKALD IARQARDMLG GNGISDEYHV IRHAMNLEAV NTYEGTHDIH ALILGRAITG IQAFTASK
Cross-Reactivity:	Human

## Product Details

Characteristics: Antibody reactive against mammalian transfected lysate.

## Target Details

Target: GCDH

Alternative Name: GCDH ([GCDH Products](#))

Background: Full Gene Name: glutaryl-Coenzyme A dehydrogenase  
Synonyms: ACAD5,GCD

Gene ID: 2639

NCBI Accession: [NM\\_000159](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

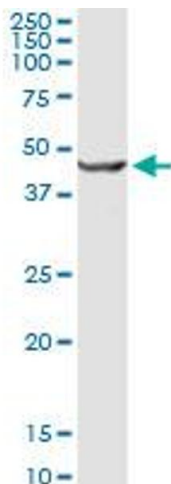
Buffer: In 1x PBS, pH 7.4

Handling Advice: Aliquot to avoid repeated freezing and thawing.

Storage: -20 °C

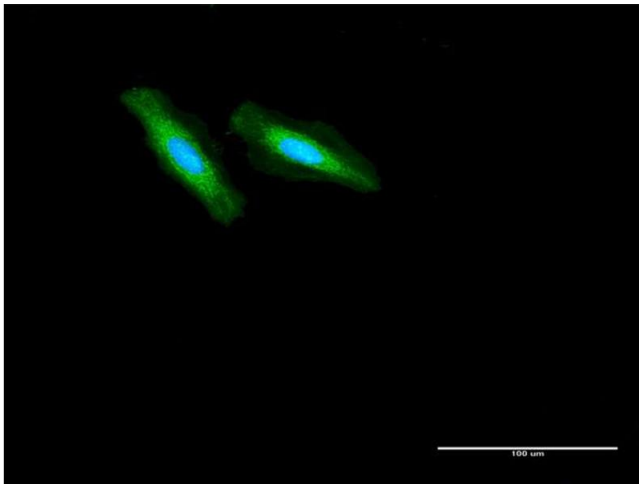
Storage Comment: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Images



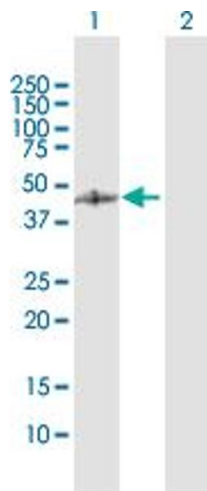
### Western Blotting

**Image 1.** GCDH MaxPab rabbit polyclonal antibody. Western Blot analysis of GCDH expression in human kidney.



### Immunofluorescence

**Image 2.** Immunofluorescence of purified MaxPab antibody to GCDH on HeLa cell. [antibody concentration 30 µg/ml]



### Western Blotting

**Image 3.** Western Blot analysis of GCDH expression in transfected 293T cell line by GCDH MaxPab polyclonal antibody.

Lane 1: GCDH transfected lysate(48.10 KDa).

Lane 2: Non-transfected lysate.