

## **Product datasheet for TA375533**

## **DNAJC19 Rabbit Polyclonal Antibody**

## **Product data:**

**Product Type:** Primary Antibodies

**Applications:** ICC/IF, WB

Recommended Dilution: WB,1:500 - 1:2000

IF,1:50 - 1:200

Reactivity: Human, Mouse, Rat

Modifications: Unmodified

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

**Immunogen:** Recombinant fusion protein containing a sequence corresponding to amino acids 1-116 of

human DNAJC19 (NP\_660304.1).

**Formulation:** Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

**Concentration:** lot specific

**Purification:** Affinity purification

Conjugation: Unconjugated

Store at -20°C. Avoid freeze / thaw cycles.

**Stability:** Shelf life: one year from despatch.

Predicted Protein Size: 10kDa/12kDa

Gene Name: DnaJ heat shock protein family (Hsp40) member C19

Database Link: Entrez Gene 131118 Human

Q96DA6

**Background:** The protein encoded by this gene is thought to be part of a complex involved in the ATP-

dependent transport of transit peptide-containing proteins from the inner cell membrane to the mitochondrial matrix. Defects in this gene are a cause of 3-methylglutaconic aciduria type 5 (MGA5), also known as dilated cardiomyopathy with ataxia (DCMA). Alternative splicing of this gene results in multiple transcript variants. Related pseudogenes have been identified on

chromosomes 1, 2, 6, 10, 14 and 19.



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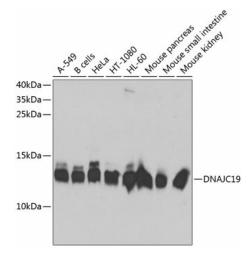
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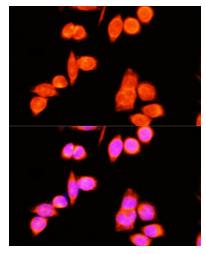


Synonyms: TIM14; TIMM14

## **Product images:**



Western blot analysis of extracts of various cell lines, using DNAJC19 antibody (TA375533) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit. | Exposure time: 15s.



Immunofluorescence analysis of Hela cells using DNAJC19 antibody (TA375533) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.