

# **DNAJC27 Antibody (N-term)**

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP12755a

## **Specification**

# **DNAJC27 Antibody (N-term) - Product Information**

**Application** IHC-P, WB,E **Primary Accession 09NZ00** Other Accession NP 057628.1 Reactivity Human Host **Rabbit** Clonality **Polyclonal** Isotype Rabbit IgG Calculated MW 30855 Antigen Region 1-30

## DNAJC27 Antibody (N-term) - Additional Information

#### **Gene ID 51277**

#### **Other Names**

DnaJ homolog subfamily C member 27, Rab and DnaJ domain-containing protein, DNAJC27, RABJS, RBJ

#### Target/Specificity

This DNAJC27 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human DNAJC27.

## **Dilution**

IHC-P~~1:10~50 WB~~1:1000

E~~Use at an assay dependent concentration.

## **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

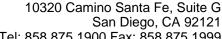
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

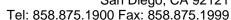
#### **Precautions**

DNAJC27 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

## DNAJC27 Antibody (N-term) - Protein Information

# Name DNAJC27







# Synonyms RABJS, RBJ

Function GTPase which can activate the MEK/ERK pathway and induce cell transformation when overexpressed. May act as a nuclear scaffold for MAPK1, probably by association with MAPK1 nuclear export signal leading to enhanced ERK1/ERK2 signaling.

#### **Cellular Location**

Nucleus {ECO:0000250|UniProtKB:Q8CFP6}.

## **Tissue Location**

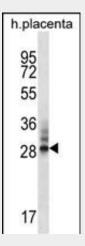
Overexpressed in gastrointestinal cancers; expression correlates with later tumor-node-metastasis stages of colorectal cancers.

## **DNAJC27 Antibody (N-term) - Protocols**

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

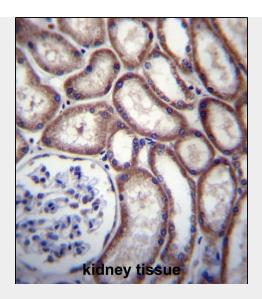
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

# DNAJC27 Antibody (N-term) - Images



DNAJC27 Antibody (N-term) (Cat. #AP12755a) western blot analysis in human placenta tissue lysates (35ug/lane). This demonstrates the DNAJC27 antibody detected the DNAJC27 protein (arrow).





DNAJC27 Antibody (N-term) (Cat. #AP12755a)immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of DNAJC27 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

# DNAJC27 Antibody (N-term) - Background

Belongs to the small GTPase superfamily. Rab family. 3 isoforms.

# **DNAJC27 Antibody (N-term) - References**

Gudbjartsson, D.F., et al. Nat. Genet. 40(5):609-615(2008) Nepomuceno-Silva, J.L., et al. Gene 327(2):221-232(2004) **DNAJC27 Antibody (N-term) - Citations** 

• Increased Circulation and Adipose Tissue Levels of DNAJC27/RBJ in Obesity and Type 2-Diabetes.