

DNAJC27 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12755a**Specification**

DNAJC27 Antibody (N-term) - Product Information

Application	WB, IHC-P,E
Primary Accession	O9NZQ0
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

WB~~1:1000

IHC-P~~1:10~50

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}.

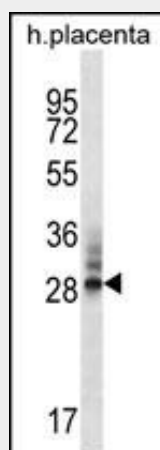
Tissue Location

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

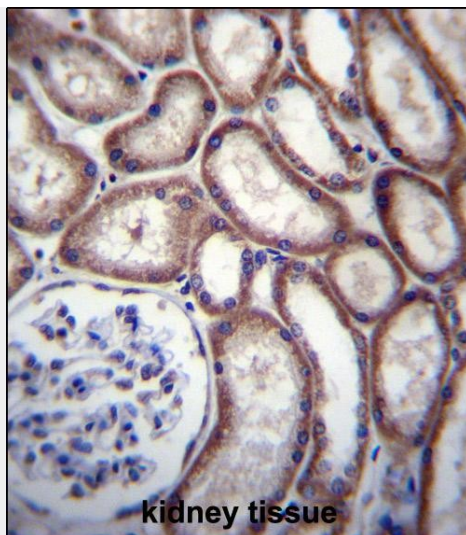
DNAJC27 Antibody (N-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [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.](#)