

DNAJC27 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP12755a

Product Information

Application	WB, IHC-P, E
Primary Accession	Q9NZQ0
Other Accession	NP_057628.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB32699
Calculated MW	30855
Antigen Region	1-30

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~~1:100~500 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.

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.

Background

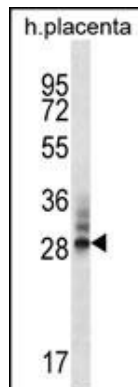
Belongs to the small GTPase superfamily. Rab family. 3 isoforms.

References

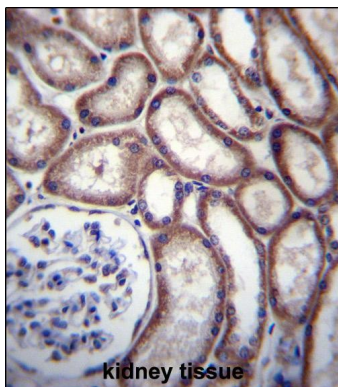
Gudbjartsson, D.F., et al. Nat. Genet. 40(5):609-615(2008)

Nepomuceno-Silva, J.L., et al. Gene 327(2):221-232(2004)

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.

Citations

- [Increased Circulation and Adipose Tissue Levels of DNAJC27/RBJ in Obesity and Type 2-Diabetes.](#)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.