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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
Predicted	Bovine, Canine, Rabbit
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.

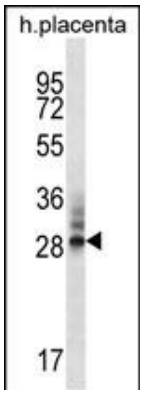
Background

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

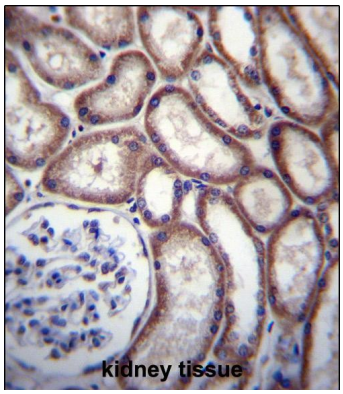
References

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'.