

ARG46127 anti-DNAJC13 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes DNAJC13
Tested Reactivity	Hu, Ms
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	DNAJC13
Species	Human
Immunogen	A 18 amino acid synthetic peptide within aa. 1940 - 1990 of human DNAJC13.
Conjugation	Un-conjugated
Alternate Names	DNAJC13; Dnal (Hsp40) homolog, subfamily C, member 13; DNAJ homolog subfamily C member 13; receptor-mediated endocytosis 8; RME8

Application Instructions

Application table	Application	Dilution
	IHC-P	Assay-dependent
	WB	Assay-dependent
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	249 kDa	

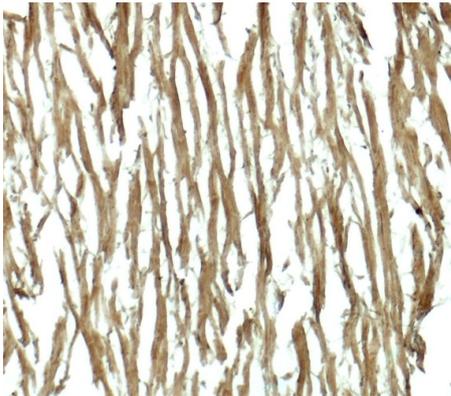
Properties

Form	Liquid
Purification	Affinity chromatography purified
Buffer	PBS and 0.02% Sodium azide.
Preservative	0.02% Sodium azide
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -177°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

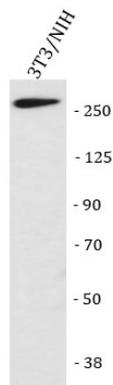
Gene Symbol	DNAJC13
Gene Full Name	DnaJ (Hsp40) homolog, subfamily C, member 13
Background	This gene encodes a member of the Dnaj protein family whose members act as co-chaperones of a partner heat-shock protein by binding to the latter and stimulating ATP hydrolysis. The encoded protein associates with the heat-shock protein Hsc70 and plays a role in clathrin-mediated endocytosis. It may also be involved in post-endocytic transport mechanisms via its associations with other proteins, including the sorting nexin SNX1. Mutations in this gene are associated with Parkinson's disease. [provided by RefSeq, Jun 2016]
Function	Involved in membrane trafficking through early endosomes, such as the early endosome to recycling endosome transport implicated in the recycling of transferrin and the early endosome to late endosome transport implicated in degradation of EGF and EGFR (PubMed:18256511, PubMed:18307993). Involved in the regulation of endosomal membrane tubulation and regulates the dynamics of SNX1 on the endosomal membrane; via association with WASHC2 may link the WASH complex to the retromer SNX-BAR subcomplex. [UniProt]
Calculated Mw	249 kDa
PTM	Acetylation. [UniProt]
Cellular Localization	Endosome. [UniProt]

Images



ARG46127 anti-DNAJC13 antibody IHC-P image

Immunohistochemistry: Human heart stained with ARG46127 anti-DNAJC13 antibody.



ARG46127 anti-DNAJC13 antibody WB image

Western blot: 3T3/NIH stained with ARG46127 anti-DNAJC13 antibody.