

For Research Use Only

DNAJC13 Polyclonal antibody, PBS Only

Catalog Number: 31492-1-PBS



Basic Information

Catalog Number:

31492-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG35412

GenBank Accession Number:

BC043583

GeneID (NCBI):

23317

UNIPROT ID:

O75165

Full Name:

DnaJ (Hsp40) homolog, subfamily C, member 13

Observed MW:

254 kDa

Purification Method:

Antigen affinity Purification

Applications

Tested Applications:

WB, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse

Background Information

DNAJC13 is a large protein with 2,243 amino acids. Due to the presence of the central DNAJ domain, DNAJC13 binds HSC70 (heat shock cognate 70) and acts as a co-chaperone in mediating HSC70 cellular functions. Within the cell, DNAJC13 is primarily localized at membranous structures. This interaction is mediated, at least in part, by the binding to phosphoinositides (PI) through its N-terminal sequence. RME-8/DNAJC13 is involved in several endosomal functions such as protein sorting, endosomal tubulation, transport processes including the retrograde transport from the endosome to the trans-Golgi network (TGN), the formation of endosomal degradative microdomains, and the recycling of membrane receptors. (PMID: 32322926)

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

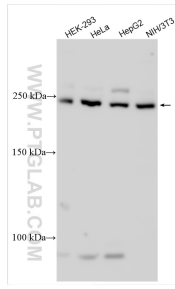
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

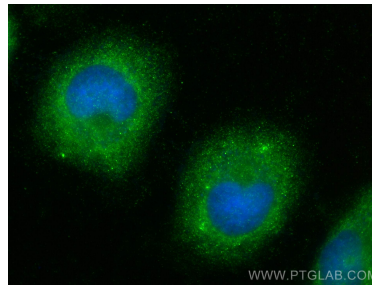
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31492-1-AP (DNAJC13 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 31492-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using DNAJC13 antibody (31492-1-AP) at dilution of 1:400 and Multi-Ab CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002). This data was developed using the same antibody clone with 31492-1-PBS in a different storage buffer formulation.