

For Research Use Only

# DNAJC13 Polyclonal antibody

Catalog Number: 31492-1-AP



## Basic Information

<b>Catalog Number:</b> 31492-1-AP	<b>GenBank Accession Number:</b> BC043583	<b>Purification Method:</b> Antigen affinity Purification
<b>Size:</b> 500 ug/ml	<b>GeneID (NCBI):</b> 23317	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IF/ICC 1:200-1:800
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O75165	
<b>Isotype:</b> IgG	<b>Full Name:</b> DnaJ (Hsp40) homolog, subfamily C, member 13	
<b>Immunogen Catalog Number:</b> AG35412	<b>Observed MW:</b> 254 kDa	

## Applications

<b>Tested Applications:</b> WB, IF/ICC, ELISA	<b>Positive Controls:</b> WB : HEK-293 cells, HepG2 cells, NIH/3T3 cells IF/ICC : HeLa cells,
<b>Species Specificity:</b> 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 -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

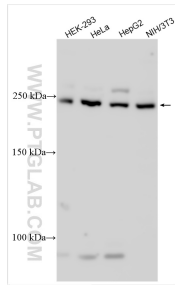
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

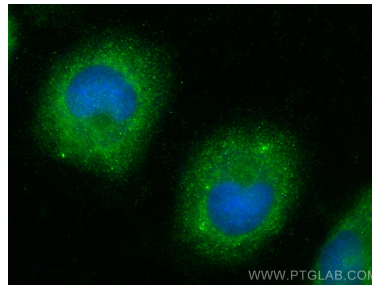
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## Selected Validation Data



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.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using DNAJC13 antibody (31492-1-AP) at dilution of 1:400 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002).