

For Research Use Only

DNAJC5 Polyclonal antibody, PBS Only

Catalog Number:32204-1-PBS



Basic Information

Catalog Number:

32204-1-PBS

Size:

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

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG35443

GenBank Accession Number:

NM_025219.2

GeneID (NCBI):

80331

UNIPROT ID:

Q9H3Z4

Full Name:

DnaJ (Hsp40) homolog, subfamily C, member 5

Calculated MW:

22kDa 198aa

Observed MW:

30 kDa

Purification Method:

Antigen affinity Purification

Applications

Tested Applications:

WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

DNAJC5 (DnaJ homolog subfamily C member 5), also known as cysteine string protein α (CSPA), is a member of the HSP40 (DNAJ) family of proteins, as well as a co-chaperone of HSC70, and has been shown to control the extracellular release of many neurodegenerative disease proteins. DNAJC5 contains three structural domains - a common N-terminal J structural domain conserved in DNAJ proteins, the cysteine string (CS) central structural domain, which is highly palmitoylated and anchors the protein to late endosomes, and an overall disordered C-terminal structural domain. Mutations in DNAJC5 have been strongly implicated in the development of human diseases such as neuronal waxy lipofuscinosis, cystic fibrosis, Huntington's disease and Parkinson's disease.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

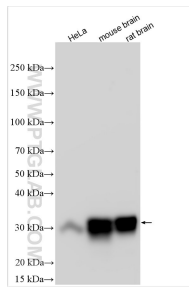
For technical support and original validation data for this product please contact:

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

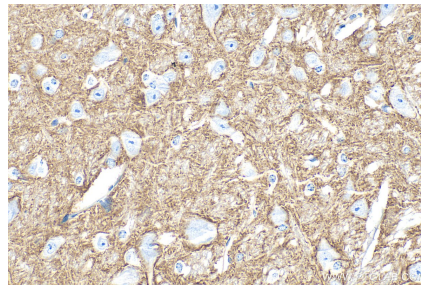
E: proteintech@ptglab.com
W: ptglab.com

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

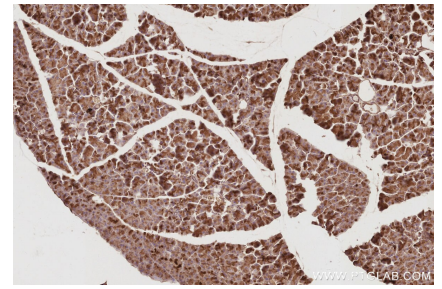
Selected Validation Data



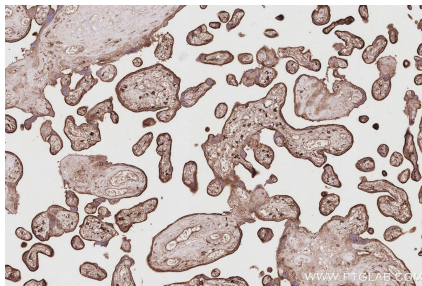
Various lysates were subjected to SDS PAGE followed by western blot with 32204-1-AP (DNAJC5 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 32204-1-PBS in a different storage buffer formulation.



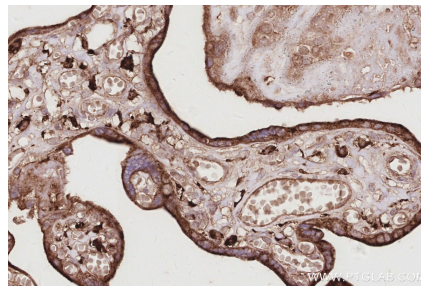
Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 32204-1-AP (DNAJC5 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 32204-1-PBS in a different storage buffer formulation.



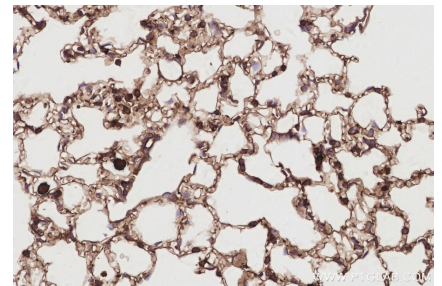
Immunohistochemical analysis of paraffin-embedded mouse pancreas tissue slide using 32204-1-AP (DNAJC5 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 32204-1-PBS in a different storage buffer formulation.



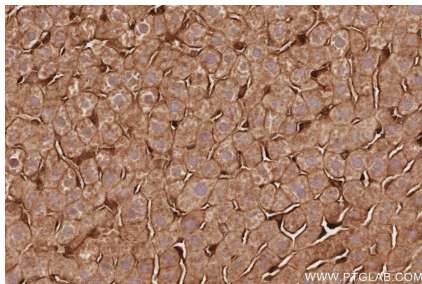
Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 32204-1-AP (DNAJC5 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 32204-1-PBS in a different storage buffer formulation.



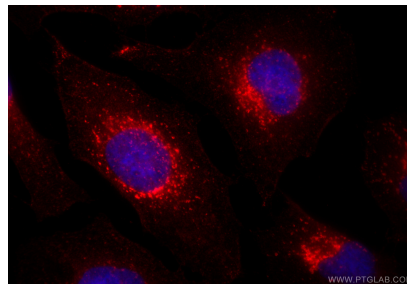
Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 32204-1-AP (DNAJC5 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 32204-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using 32204-1-AP (DNAJC5 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 32204-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded rat liver tissue slide using 32204-1-AP (DNAJC5 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 32204-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using DNAJC5 antibody (32204-1-AP) at dilution of 1:400 and CoraLite® 594-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-4). This data was developed using the same antibody clone with 32204-1-PBS in a different storage buffer formulation.