

DNAJC10 Polyclonal Antibody

Catalog number: 13101-1-AP

Size: 42 µg/150 µl

Source: Rabbit

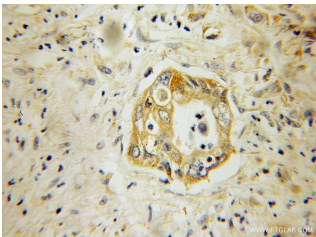
Isotype: IgG

Synonyms:

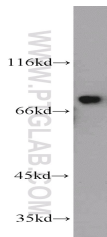
DNAJC10; DNAJC10,

DKFZp434J1813, MTHr,

Macrothioredoxin, ER resident protein ERdj5



Immunohistochemical of paraffin-embedded human pancreas cancer using 13101-1-AP (DNAJC10 antibody) at dilution of 1:100 (under 10x lens)



HeLa cells were subjected to SDS PAGE followed by western blot with 13101-1-AP (DNAJC10 antibody) at dilution of 1:1500

Background

DNAJC10 (DnaJ homolog subfamily C member 10) is also named as ERDJ5. The human ER-resident protein (ERdj5) ubiquitously expresses and is abundant in secretory tissues such as pancreas and testis and it may be involved in assisting protein folding and quality control in the ER (PMID:12411443). The deduced 793-amino acid protein has a calculated molecular mass of about 91 kD. ERDJ5 contains an N-terminal hydrophobic sequence, followed by a type III DnaJ domain, 4 thioredoxin-like domains, and a C-terminal KDEL endoplasmic reticulum (ER) retention signal. It can be modified by N-linked glycosylation (PMID:12446677). This antibody is specific to DNAJC10.

Applications

Tested applications:	ELISA, WB, IHC
Cited applications:	IF, WB
Species specificity:	Human, mouse, rat; other species not tested.
Cited species:	Human
Calculated DNAJC10 MW:	793aa, 91 kDa
Observed DNAJC10 MW:	75-80kd
Positive WB detected in	HeLa cells, mouse liver tissue
Positive IHC detected in	Human pancreas cancer
Recommended dilution:	WB: 1:500-1:5000 IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag3737
GenBank accession number:	BC034713
Gene ID (NCBI):	54431
Full name:	DnaJ (Hsp40) homolog, subfamily C, member 10

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.