

For Research Use Only

DNAJC5B Polyclonal antibody

Catalog Number: 17364-1-AP

1 Publications



Basic Information

Catalog Number:

17364-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop and 260 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG10744

GenBank Accession Number:

BC016742

GeneID (NCBI):

85479

UNIPROT ID:

Q9UF47

Full Name:

DnaJ (Hsp40) homolog, subfamily C, member 5 beta

Calculated MW:

199 aa, 22 kDa

Observed MW:

22 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IF/ICC 1:10-1:100

Applications

Tested Applications:

WB, IF/ICC, IP, ELISA

Cited Applications:

WB, IF

Species Specificity:

human, mouse, rat

Cited Species:

mouse, pig

Positive Controls:

WB : mouse testis tissue,

IP : mouse testis tissue,

IF/ICC : HepG2 cells,

Background Information

DNAJC5B encodes cysteine string proteins (CSP) beta. CSPs belong to the DnaJ-like chaperone family and play an important role in regulated exocytosis in neurons and endocrine cells. Mammals express three CSP proteins, α , β , γ . In contrast to the CSP α which is ubiquitously expressed, CSP β is restricted to testis and auditory hair cell neurons. The predicted MW of DNAJC5B is around 22 kDa, while some modified forms exist (PMID: 17034881)

Notable Publications

Author	Pubmed ID	Journal	Application
Dake Chen	39899042	Cell Mol Life Sci	WB,IF

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

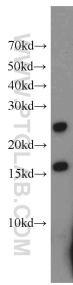
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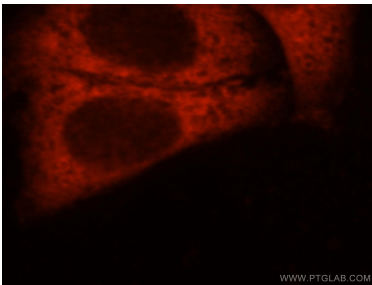
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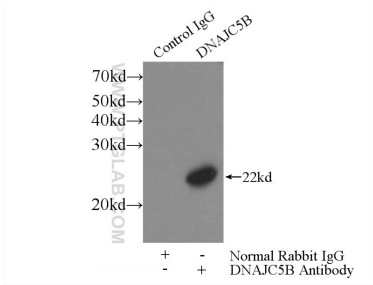
Selected Validation Data



mouse testis tissue were subjected to SDS PAGE followed by western blot with 17364-1-AP (DNAJC5B antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HepG2 cells, using DNAJC5B antibody 17364-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



IP result of anti-DNAJC5B (IP:17364-1-AP, 3ug; Detection:17364-1-AP 1:1500) with mouse testis tissue lysate 4000ug.