

For Research Use Only

DNAJC5B Polyclonal antibody

Catalog Number: 17364-1-AP



Basic Information

Catalog Number: 17364-1-AP	GenBank Accession Number: BC016742	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 µg/ml by Nanodrop and 260 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 85479	Recommended Dilutions: WB 1:500-1:3000 IP 0.5-4.0 ug for IP and 1:500-1:3000 for WB
Source: Rabbit	Full Name: DnaJ (Hsp40) homolog, subfamily C, member 5 beta	IF 1:10-1:100
Isotype: IgG	Calculated MW: 199 aa, 22 kDa	
Immunogen Catalog Number: AG10744	Observed MW: 22 kDa	

Applications

Tested Applications: IF, IP, WB, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : mouse testis tissue, IP : mouse testis tissue, IF : 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)

Storage

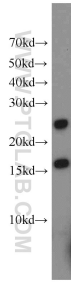
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

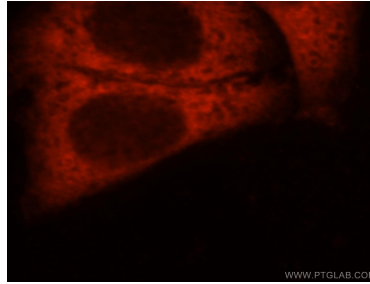
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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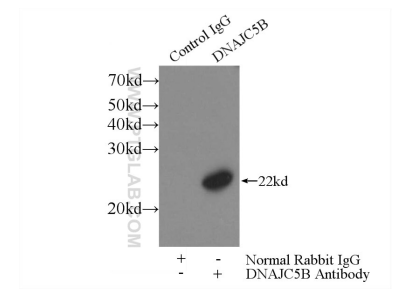
Selected Validation Data



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.