

For Research Use Only

DNAJB8 Polyclonal antibody

Catalog Number: 17071-1-AP

3 Publications



Basic Information

Catalog Number:

17071-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop and 240 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG10899

GenBank Accession Number:

BC029521

GeneID (NCBI):

165721

UNIPROT ID:

Q8NHS0

Full Name:

DnaJ (Hsp40) homolog, subfamily B, member 8

Calculated MW:

232 aa, 26 kDa

Observed MW:

26 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, IF

Species Specificity:

human, mouse, rat

Cited Species:

mouse, pig

Positive Controls:

WB: HeLa cells, human brain tissue

Background Information

DNAJB8, a member of the DNAJ/HSP40 family of proteins, plays a crucial role in regulating chaperone HSP70 activity. It is known for its ability to suppress the aggregation of polyglutamine proteins through its C-terminal tail. Furthermore, DNAJB8 has been shown to inhibit TP53 through ubiquitin degradation in human colon cancer by directly interacting and upregulating MDR1, leading to increased oxaliplatin resistance. High levels of DNAJB8 in both colon tissues and serum are correlated with worse overall survival of colon cancer patients, suggesting that DNAJB8 level in serum sEV may serve as a potential biomarker for colon cancer and a promising therapeutic target for oxaliplatin-resistant cancer.

Notable Publications

Author	Pubmed ID	Journal	Application
Qianxing Zou	34825148	iScience	WB, IF
Qianxing Zou	35600921	STAR Protoc	WB, IF
Xiaoyong Chen	38936156	Vet Microbiol	WB

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

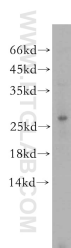
For technical support and original validation data for this product please contact:

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

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Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 17071-1-AP (DNAJB8 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.