

DNAJC5G Rabbit pAb

Catalog # AP97893

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q8N7S2
Other Accession	Q8N7S2
Reactivity	Rat, Mouse
Predicted	Human, Rabbit
Host	Rabbit
Clonality	Polyclonal
Calculated MW	21433
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human DNAJC5G
Epitope Specificity	101-189/189
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 1 J domain.
Post-translational modifications	Palmitoylated.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Background Descriptions

The DnaJ family is one of the largest of all the chaperone families and has evolved with diverse cellular localization and functions. Members of the DnaJ family are characterized by the presence of the J domain. DnaJ heat shock induced proteins are from the bacterium Escherichia coli and are under the control of the htpR regulatory protein. The DnaJ proteins play a critical role in the HSP 70 chaperone machine by interacting with HSP 70 to stimulate ATP hydrolysis. Proteins of the DnaJ family contain cysteine rich regions that are composed of zinc fingers that form a peptide binding domain responsible for chaperone function. DnaJ proteins are important mediators of proteolysis and are involved in the regulation of protein degradation, exocytosis and endocytosis.

Additional Information

Gene ID	285126
Other Names	CSP-gamma; DNJ5G_HUMAN; DNAJC5G; Cysteine string protein-gamma (CSP-gamma); DnaJ heat shock protein family (Hsp40) member C5 gamma; DnaJ (Hsp40) homolog, subfamily C, member 5 gamma
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When

reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	DNAJC5G
Cellular Location	Membrane; Lipid-anchor
Tissue Location	Testis specific.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.