SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-DNAJC5G antibody

Catalog Number: SL14394R

FOR RESEARCH USE ONLY

[DATASHEET]

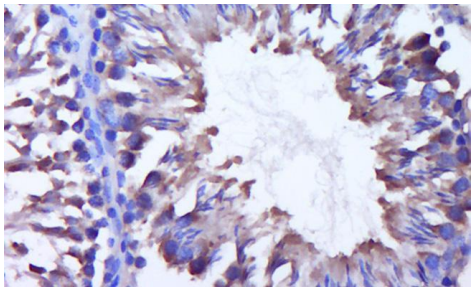
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	DNAJC5G
Immunogen:	KLH conjugated synthetic peptide derived from human DNAJC5G: 101-189/189
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	IHC-P=1:100-500 IHC-F=1:100-500 IF=1:100-500 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Mouse,Rat(predicted:Human,Rabbit)
Predicted MW.:	21kDa
Subcellular Location:	The cell membrane
Background:	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. **Function:** Contains 1 J domain.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

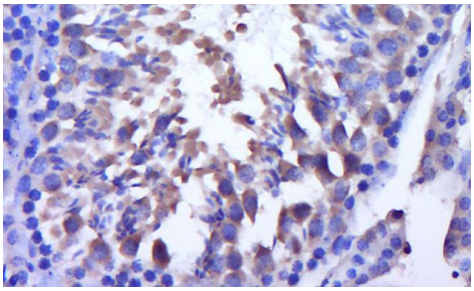
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	Subcellular Location: Membrane; Lipid anchor **Tissue Specificity:** Testis specific. **Post-translational modifications:** Palmitoylated. **Similarity:** Contains 1 J domain. **Database links:** **Entrez Gene:** 285126 Human GenBank: NP_775921.1 Human Omim: 613946 Human **SwissProt:** Q8N7S2 Human

[VALIDATION IMAGES]



Paraformaldehyde-fixed, paraffin embedded (Rat testis); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (DNAJC5G) Polyclonal Antibody, Unconjugated (SL14394R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Mouse testis); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (DNAJC5G) Polyclonal Antibody, Unconjugated (SL14394R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

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