SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

[Primary Antibody]

Rabbit Anti-DNAJB11 antibody

Catalog Number: SL14369R

FOR RESEARCH USE ONLY

[DATASHEET]

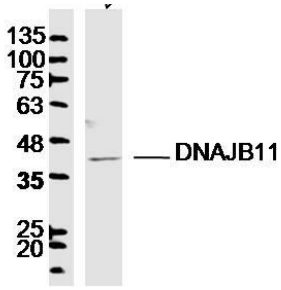
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	DNAJB11
Immunogen:	KLH conjugated synthetic peptide derived from human DNAJB11: 25-130/358
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human,Mouse(predicted:Rat,Dog,Cow,Horse,Rabbit)
Predicted MW.:	38kDa
Subcellular Location:	cytoplasmic
Background:	DNAJB11 belongs to the evolutionarily conserved DNAJ/HSP40 family of proteins, which regulate molecular chaperone activity by stimulating ATPase activity. DNAJ proteins may have up to 3 distinct domains: a conserved 70-amino acid J domain, usually at the N terminus; a glycine/phenylalanine (G/F)-rich region; and a C-terminal cysteine-rich region (Ohtsuka and Hata, 2000 [PubMed 11147971]).[supplied by OMIM, Mar 2008] **Function:** Serves as a co-chaperone for HSPA5. Binds directly to both unfolded proteins that are substrates for ERAD and nascent unfolded peptide chains, but dissociates from the HSPA5-unfolded protein complex before folding is completed. May help recruiting HSPA5 and other chaperones to the substrate. Stimulates HSPA5 ATPase activity. **Subcellular Location:** Endoplasmic reticulum lumen. Associated with the ER membrane in a C-terminally epitope-tagged construct. **Tissue Specificity:** Widely expressed.

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

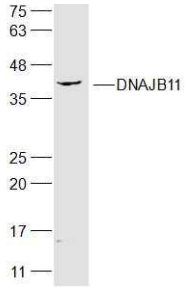
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	Post-translational modifications: Contains high-mannose Endo H-sensitive carbohydrates. Cys-169, Cys-171, Cys-193 and Cys-196 form intramolecular disulfide bonds. The preferential partner for each Cys is not known. **Similarity:** Contains 1 J domain. **Database links:** **Entrez Gene:** 51726 Human **Entrez Gene:** 67838 Mouse **Entrez Gene:** 360734 Rat Omim: 611341 Human **SwissProt:** Q9UBS4 Human **SwissProt:** Q99KV1 Mouse **SwissProt:** Q6TUG0 Rat **Unigene:** 317192 Human **Unigene:** 37516 Mouse **Unigene:** 477367 Mouse **Unigene:** 14603 Rat

[VALIDATION IMAGES]



Sample:293T (Human)Cell Lysate at 40 ug
Primary: Anti-DNAJB11(SL14369R)at 1/300 dilution
Secondary: IRDye800CW Goat Anti-RabbitIgG at 1/20000 dilution
Predicted band size: 38kD
Observed band size: 38kD



Sample:
Liver (Mouse) Lysate at 40 ug
Primary: Anti-DNAJB11 (SL14369R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 38 kD
Observed band size: 38 kD

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