

bs-8280R**[Primary Antibody]****DNAJC7 Rabbit pAb****Bioss**
ANTIBODIES

www.bioss.com.cn

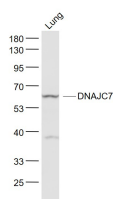
sales@bioss.com.cn

techsupport@bioss.com.cn

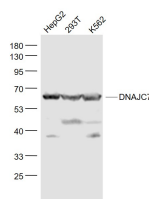
400-901-9800

— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 7266 Target: DNAJC7 Immunogen: KLH conjugated synthetic peptide derived from human DNAJC7: 221-320/494. 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. Background: The DnaJ family is one of the largest of all the chaperone families and has evolved with diverse cellular localization and functions. The presence of the J domain defines a protein as a member of the DnaJ family. 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. The proteins contain cysteine rich regions that are composed of zinc fingers that form a peptide-binding domain responsible for the chaperone function. DnaJ proteins are important mediators of proteolysis and are in-volved in the regulation of protein degradation, exocytosis and endocytosis. DnaJC7 (DnaJ homolog subfamily C member 7), also known as TPR2, TTC2 or DANJC7, is ubiquitously expressed, with highest expression in testis, liver, heart and brain.	Isotype: IgG SWISS: Q99615 Applications: WB (1:500-2000) Reactivity: Human, Mouse, Rat (predicted: Rabbit, Pig, Cow, Chicken, Dog, Horse) Predicted MW.: 56 kDa Subcellular Location: Cytoplasm ,Nucleus
--	--

— VALIDATION IMAGES —

Sample: Lung (Mouse) Lysate at 40 ug Primary:
Anti- DNAJC7 (bs-8280R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at
1/20000 dilution Predicted band size: 56 kD
Observed band size: 58 kD



Sample: HepG2(Human) Cell Lysate at 30 ug
293T(Human) Cell Lysate at 30 ug K562(Human)
Cell Lysate at 30 ug Primary: Anti- DNAJC7
(bs-8280R) at 1/1000 dilution Secondary:
IRDye800CW Goat Anti-Rabbit IgG at 1/20000
dilution Predicted band size: 56 kD Observed
band size: 58 kD

— SELECTED CITATIONS —

- **[IF=6.549]** Jie Cao. et al. Hsp70 Inhibits the Replication of Fowl Adenovirus Serotype 4 by Suppressing Viral Hexon with the Assistance of DnaJC7 | Journal of Virology. J VIROL. 2022 Jul;: WB ;Chicken. 35852354