HSP70/HSC70 | Heat shock protein 70/Heat shock cognate protein 70 (serum)

Cat. No. *APA-GA-195*

Lot. No. (See product label)

Product Name
HSP70/HSC70 | Heat shock protein 70/Heat shock cognate protein 70 (serum)

Host
Rabbit

Immunogen
KLH-conjugated synthetic peptide conserved across all known sequences of HSP70 P08107 and HSC70 proteins P11142.

Background
Heat shock protein 70 (Hsp70) is the major stress-inducible protein in vertebrates and is highly conserved throughout evolution. It plays a role as a molecular chaperone and is important for allowing cells to cope with acute stress or insult, especially those affecting the protein machinery. Heat shock cognate protein 70 (HSC70) is a highly conserved protein and a member of the family of molecular chaperones. Alternative names: HSP70.1, HSP70-1/HSP70-2, Heat shock 70 kDa protein 8

Format
Lyophilized

Clonality
Polyclonal

Purity
Total IgG. Protein G purified in PBS pH 7.4.

Quantity
100 µl

Reactivity
Global antibody for HSP70 and HSC70 in fish, mammals and fungi

Confirmed reactivity
Fish, mammals, fungi: Antrodia infirma, A. sinuosa, A. xantha, Catostomus commersonii, Gloeophyllum protractum, Gloeophyllum sepiarium, G. carbonarium, Junghunia luteoalba, Oligoporus sericiomollis, Phlebia cornea

Predicted reactivity
Bovine, Drosophila melanogaster, Hen, Mouse, Rat

Not reactive in
No confirmed exceptions from predicted reactivity are currently known

Reconstitution
For reconstitution add 100 µl of sterile water

Expected/apparent MW
70 kDa

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Address: SUITE 209, 17 Ramsey Road, Shirley, NY 11967
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E-mail: info@lifeasible.com
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Tested applications

Immunoprecipitation (IP), Western blot (WB)

Recommended dilution

1 : 1000 (IP), 1 : 1000-1: 5000 (WB)

Storage

Store lyophilized/reconstituted at -20°C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please remember to spin the tubes briefly prior to opening them to avoid any losses that might occur from material adhering to the cap or sides of the tube.

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