

Product information

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|------------------------|---|
| Product number: | AS05 061A |
| Lot Number: | 0603 |
| Clonality: | Polyclonal |
| Raised in: | Rabbit |
| Purity: | Affinity purified IgG on the antigen column |
| Quantity: | 200 µg |
| Antibody form: | Lyophilized In PBS pH 7.4 |

*Please, add 200 µl of sterile dist. water
for reconstitution of antibodies.*

Storage instructions: 4°C temporary
storage; -20°C
or -80°C long
term storage
(years)

*Please, avoid freezing and thawing of
antibodies. Make aliquots instead.*

*Please, remember to spin tubes briefly prior to
opening them to avoid any losses that might occur
from liquid or lyophilized material adhering to the
cap or sides of the tubes.*

Product Support:
<http://www.agrisera.com/protocols/protocols.shtml>
E-mail: joanna@agrisera.se

Background

Heat-shock protein 70 (Hsp70) is the major stress-inducible protein in vertebrates and highly conserved throughout evolution. It plays a role as a molecular chaperone and is important for allowing cells to cope with acute stressor insult, especially those affecting the protein machinery.

Immunogen: Synthetic peptide conjugated to KLH. Peptide sequence specific to C-terminal part of salmonid Hsp70. The target is not present in any other Hsp70 proteins.

Application information

Western blot: 1: 1000 needs to be optimised depending upon the system used.

Immunoprecipitation: 5 µg of antibodies have been used

Reactivity: The antibody is very specific for salmonid Hsp70 (Tested on salmon and brooktrout). It does not cross-react with Hsc70. It does not detect Hsp70 from other species.

Antibodies are intended for the research use only not for diagnostic or therapeutic use.