

Product information

Product number:	AS05 061
Lot Number:	0507
Clonality:	Polyclonal
Raised in:	Rabbit
Purity:	Serum
Antibody form:	Lyophilized

Please, add 100 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

References:
 Rendell et al. 2006, Development-dependent differences in intracellular localization of stress proteins (hsps) in rainbow trout, *Oncorhynchus mykiss*, following heat shock Comparative Biochemistry and Physiology, Part D 1 (2006) 238 – 252

Background

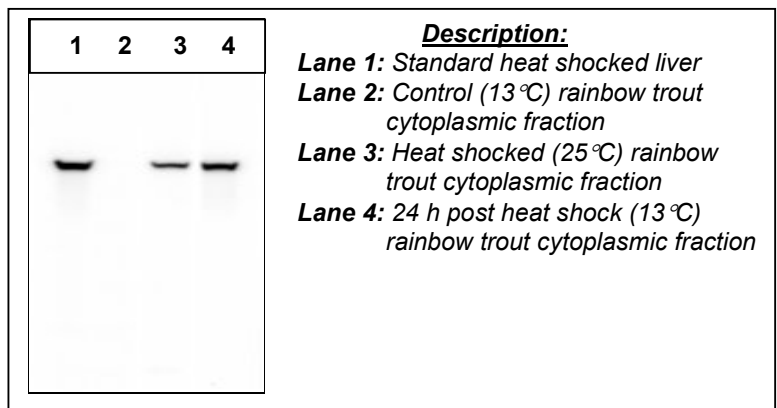
Heat-shock protein 70 (Hsp70) is the major stress-inducible protein in vertebrates and highly conserved throughout evolution. It plays a role as a molecular chaperone and is important for allowing cells to cope with acute stressor insult, especially those affecting the protein machinery.

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: 5000

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.