

product **AS05 062**  
**HSC70 | salmon heat shock cognate protein 70**

## product information

<b>background</b>	<b>Heat Shock Cognate Protein 70 (Hsc70)</b> is crucial for the chaperoning function of unstressed cells.
<b>immunogen</b>	<u>KLH</u> -conjugated synthetic peptide specific to the hsc70 of salmonid fish <u>B5X3U6_SALSA</u>
<b>antibody format</b>	rabbit polyclonal serum, lyophilized
<b>quantity</b>	100 µl, for reconstitution add 100 µl, of sterile water.
<b>storage</b>	store lyophilized/reconstituted at -20°C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tubes.
<b>tested applications</b>	western blot (WB)
<b>additional information</b>	to be added when available

## application information

<b>recommended dilution</b>	1:5 000 with ECL Advance (GE Healthcare) (WB)
<b>expected   apparent MW</b>	72   70 kDa
<b>confirmed reactivity</b>	salmon
<b>predicted reactivity</b>	bovine, human, mouse, rat , Zebra fish
<b>not reactive in</b>	no confirmed exceptions from predicted reactivity known in the moment
<b>additional information</b>	not available at the moment
<b>selected references</b>	<u>LeBlanc</u> et al. (2011). Chronic social stress impairs thermal tolerance in the rainbow trout ( <i>Oncorhynchus mykiss</i> ). J Exp Biol. 15;214:1721-31. <u>Rendell</u> et al. (2006). Development-dependent differences in intracellular localization of stress proteins (hsps) in rainbow trout, <i>Oncorhynchus mykiss</i> , following heat shock. Comp. Biochem and Physiol 1:238-252.