

product **AS07 233**

HSC70 | heat shock cognate protein 70

product information

background	The heat shock cognate protein 70 (HSC70) is a constitutively expressed house keeping protein which can act as a molecular chaperone towards other proteins.
immunogen	HSC70 purified from wheat germ by ATP affinity chromatography
antibody format	rabbit polyclonal serum lyophilized
quantity	100 µl for reconstitution add 100 µl of sterile water.
storage	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.
tested applications	western blot (WB), ELISA (ELISA), immunoprecipitation (IP)
additional information	This antibody will not react with bip or CSS1.

application information

recommended dilution	1 : 50 000 with alkaline phosphatase (WB)
expected apparent MW	70 kDa
confirmed reactivity	<i>Cucurbita pepo</i> , <i>Pisum sativum</i> , <i>Triticum</i> sp.
predicted reactivity	di and monocots
not reactive in	no confirmed exceptions from predicted reactivity known in the moment
additional information	This antibody can inhibit protein import into organelles <i>in vitro</i> .
selected references	Crookes & Olsen (1998) , The effects of chaperones and the influence of protein assembly on peroxisomal protein import. J. Biol. Chem. 27:17236-17242