Datasheet for ABIN190694
anti-HSC70 antibody

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Overview

Quantity:	50 µg
Target:	HSC70
Reactivity:	Fish, Mammalian
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HSC70 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Immunogen:	KLH-conjugated synthetic peptide conserved across all known sequences ofHSP70 P08107 and HSC70 proteins P11142
Specificity:	Predicted reactivity: vertebrates including bovine, hen, mouse, rat, insects including Drosophilamelanogaster.
Purification:	Affinity purified

Target Details

Target:	HSC70
Alternative Name:	Heat shock protein 70/Heat shock cognate protein 70 (HSP70/HSC70) (HSC70 Products)
Background:	Heat shock protein 70 (Hsp70) is the major stress-inducible protein invertebrates and is highly conserved throughout evolution. It plays a role as amolecular chaperone and is important for allowing cells to cope with acute stressor insult, especially those affecting the protein

Target Details

	machinery. Heat shock cognateprotein 70 (HSC70) is a highly conserved protein and a member of the family ofmolecular chaperones. Alternative names: HSP70.1, HSP70-1/HSP70-2, Heatshock 70 kDa protein 8

Application Details

Application Notes:	Recommended Dilution 1: 1000 with standard ECL (WB), 1: 10 000 with ECL Advance (GE Healthcare),1: 1000 (IP).
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	affinity purified rabbit serum on peptide column, in PBS pH 7.4
Storage:	-20 °C
Storage Comment:	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.

Publications

Product cited in:	Huang, Chang, Huang, Huang, Tang, Huang, Kuo, Chen, Cheng: "Urokinase-type plasminogen activator resulting from endometrial carcinogenesis enhances tumor invasion and correlates with poor outcome of endometrial carcinoma patients." in: **Scientific reports**, Vol. 5, pp. 10680, (2016) (PubMed). Coy, Jiménez-Movilla, García-Vázquez, Mondéjar, Grullón, Romar: "Oocytes use the plasminogen-plasmin system to remove supernumerary spermatozoa." in: **Human reproduction (Oxford, England)**, Vol. 27, Issue 7, pp. 1985-93, (2012) (PubMed).