Product **Datasheet**

Anti-HSP70 Rabbit pAb

WL01019

For Research Use Only.Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-HSP70 Rabbit pAb
Source	Rabbit
Species reactivity	Human, Mouse, Rat
Tested applications	WB 1:1000-1:2000
Pack size	50/100/200/500/1000μl
Storage	Store at -20°C. Avoid freeze/thaw cycles.
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μg/ml BSA, 50% glycerol and less than 0.02% sodium azide

General Information

Background

HSP70 and HSP90 are molecular chaperones expressed constitutively under normal conditions to maintain protein homeostasis and are induced upon environmental stress. HSP 70 expression is strongly induced in response to heat stress. HSP70 has a broad range of substrates including newly synthesized and denatured proteins, while HSP90 tends to have a more limited subset of substrates, most of which are signaling molecules. HSP70 and HSP90 often function collaboratively in a multi-chaperone system, which requires a minimal set of co-chaperones: HSP40, Hop, and p23. They also play a role in vesicle formation and protein trafficking.

Immunogen

Polyclonal antibody is produced by immunizing animals with a synthetic peptide of HSP70.

Purification

Polyclonal antibody was purified by Protein A affinity chromatography.

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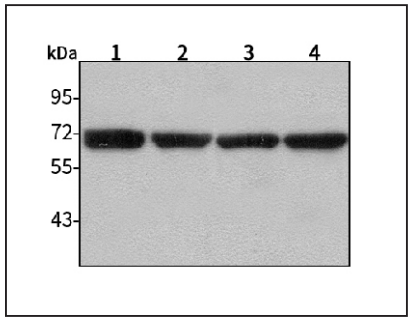
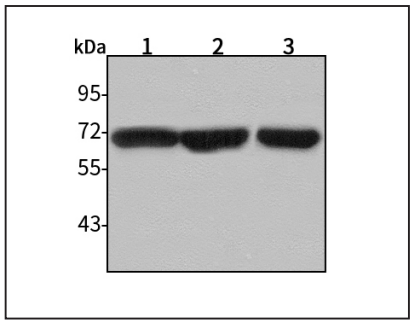
Product Images



Western blot-Anti-HSP70 pAb

Lane 1: Human HepG2 cell lysate
Lane 2: Human Hela cell lysate
Lane 3: Human BGC-823 cell lysate
Lane 4: Human MGC-803 cell lysate
All lanes: Anti-HSP70 at 1:1000 dilution
Lysates/proteins at 20-50 μg per lane.
Predicted band size: 70 kDa
Observed band size: 70 kDa



Western blot-Anti-HSP70 pAb

Lane 1: Mouse liver tissue lysate
Lane 2: Mouse heart tissue lysate
Lane 3: Rat kidney tissue lysate
All lanes: Anti-HSP70 at 1:1000 dilution
Lysates/proteins at 20-50 μg per lane.
Predicted band size: 70 kDa
Observed band size: 70 kDa

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