HSP60 polyclonal antibody

Hsp60 is a member of the chaperonin family of heat shock proteins, with homologs functioning in the cytosol and mitochondria to fold nascent and aggregated proteins. Hsp60 is the eukaryotic homolog of the *E. coli* GroEL protein, and forms a multimeric complex in the mitochondria with Hsp10 (Cpn10) to form a large central cavity in which ATP-dependent protein folding takes place. TRiC/CCT, a eukaryotic relative of Hsp60, is expressed in the cytosol and participates in the folding of actin and tubulin substrates, but lacks any association with an Hsp10-like co-factor.

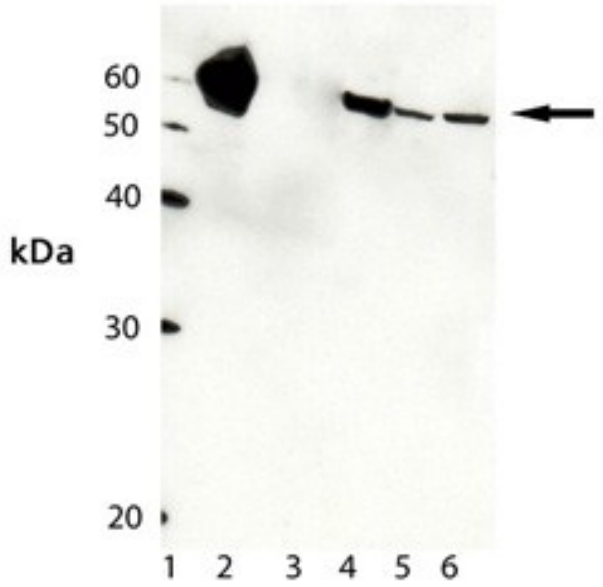
This antibody is covered by our Worry-Free Guarantee.

Citations: 6 View Online »

Ordering Information Order Online »

ADI-SPA-828-D	50µg
ADI-SPA-828-F	200µg

Manuals, SDS & CofA View Online »



Western Blot analysis of HSP60 pAb (Prod. No. ADI-SPA-828) Lane1: MW Marker; Lane 2:HSP60 protein (human) (recombinant) (Prod. No. ADI-NSP-540); Lane 3: HSP65 protein (M. bovis) (recombinant); Lane 4: HeLa Cell Lysate (Prod. No. ADI-LYC-HL100); Lane 5: 3T3 Cell Lysate; and Lane 6: RK-13 Cell Lysate.

Handling & Storage

Handling	Avoid freeze/thaw cycles.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Chaperonin 60, CPN60, HspD1, heat shock protein 60
Application	IHC, IP, WB
Application Notes	Detects a band of ~60kDa by Western blot.
Formulation	Liquid. In PBS, pH 7.2, containing 50% glycerol and 0.09% sodium azide.
GenBank ID	M34664
Host	Goat
Immunogen	Recombinant human Hsp60.
Purity Detail	Protein G affinity purified.
Recommendation Dilutions/Conditions	Immunoprecipitation (1:100)Western Blot (1:1,000, ECL)Suggested dilutions/conditions may not be available for all applications.Optimal conditions must be determined individually for each application.
Source	Purified from goat serum.
Species Reactivity	Beluga, Bovine, Chicken, Dog, Drosophila, Fish, Guinea pig, Hamster, Human, Monkey, Mouse, Mycobacterium bovis, Porcine, Rabbit, Rat, Sheep, Xenopus
UniProt ID	P10809
Worry-free Guarantee	**This antibody is covered by our Worry-Free Guarantee .**

Last modified: May 29, 2024

ENZO LIFE SCIENCES, INC.
Phone: 800.942.0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

For local distributors and detailed product information visit us online: enzo.com All product names, logos, and brands are the property of their respective owners.