

AB-NN059-5

HSP60 Antibody

Pan-specific polyclonal antibody for monitoring the expression of human heat shock protein HSP60



KINEXUS

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Target Protein

Name Long:	60 kDa heat shock protein, mitochondrial
Alias:	CPN60, GROEL, HLD4, HSP 60, HSP65, HSPD1, HuCHA60, SPG 13
UniProt ID:	P10809 - Human
Human Predicted Mass (kDa):	61.055 (573 AA; P10809-1); 17.100 (158 AA; P10809-2)
Observed SDS-PAGE Mass (kDa):	60

Immunogen

Antibody Immunogen Source:	Human HSP60 produced through recombinant DNA methods in E.coli
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Production

Antibody Host Species:	Rabbit
Antibody Type:	Polyclonal
Antibody Ig Isotype Clone Lot:	124 Mix
Antibody Purification:	Protein A purified
Amount:	25 µg
Antibody Concentration:	1 mg/ml
Lot Number:	15DE1
Storage Buffer:	Phosphate buffered saline pH 7.4, 50% glycerol, 0.09% sodium azide
Storage Conditions and Stability:	For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles.

Applications

Product Use:	WB IHC IP ELISA
Antibody Dilution Recommended:	WB (1:1000), ICC/IF (1:100); optimal dilutions for assays should be determined by the user.
Antibody Species Reactivity:	Human Mouse Rat Bovine Dog Chicken Rabbit
Antibody Positive Control:	1 µg/ml of SPC-105 was sufficient for detection of HSP60 in 20 µg of heat shocked HeLa cell lysate by colorimetric immunoblot analysis using goat anti-mouse IgG as the secondary antibody.
Target Detection Immunoblotting:	Detects a ~60 kDa protein.

This product is for in vitro research use only and is not intended for use in humans or animals.

For more information on our products please visit www.kinexusproducts.ca or contact us at 1-888-546-3987