

AB-NN060-5

HSP70 (Crab) Antibody

Pan-specific polyclonal antibody for monitoring the expression of crab heat shock protein HSP70 (Crab)



KINEXUS

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Target Protein

Name Long:	Heat shock-related 70 kDa protein
Alias:	HSP70 1, HSP70 2, HSP70.1, HSP72, HSPA1, HSPA1A, HSPA1B
UniProt ID:	B3VKG9 - Crab
Human Predicted Mass (KDa):	70.052 (641 AA; P0DMV8-1); 63.937 (586 AA; P0DMV8-2)
Observed SDS-PAGE Mass (KDa):	70

Immunogen

Antibody Immunogen Source:	Crab protein peptide: NDQGNRTTPSYVA, 100% identical to a wide variety of species including Mouse, Rat, Drosophila, Rice, Arabidopsis, Bovine, Nematode, Bonobos.
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Production

Antibody Host Species:	Rabbit
Antibody Type:	Polyclonal
Antibody Ig Isotype Clone Lot:	126 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
Antibody Dilution Recommended:	WB (1:1000); optimal dilutions for assays should be determined by the user.
Antibody Species Reactivity:	Crab
Antibody Positive Control:	1 µg/ml of SPC-318 was sufficient for detection of HSP70 in 20 µg of crab muscle lysate by colorimetric immunoblot analysis using Goat anti-rabbit IgG:HRP as the secondary antibody.
Target Detection Immunoblotting:	Detects a ~ 70 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