

AB-NN060-13

HSP70 Antibody

Pan-specific polyclonal antibody for monitoring the expression of HSP70 in many species



KINEXUS

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Target Protein

Name Long:	Heat shock protein 70
Alias:	HSC54, HSC71, HSC73, HSP71, HSP73, HSPA10, HSPA8, LAP1, NIP71, HSC70
UniProt ID:	N/A
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:	The target peptide is a sequence conserved in all known HSP70 and HSC70 proteins
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Production

Antibody Host Species:	Rabbit
Antibody Type:	Polyclonal
Antibody Ig Isotype Clone Lot:	Mix
Antibody Purification:	Affinity purified
Amount:	25 µg
Antibody Concentration:	1 mg/ml
Lot Number:	15DE1
Storage Buffer:	Phosphate buffered saline pH7.4, lyophilized
Storage Conditions and Stability:	

Applications

Product Use:	WB
Antibody Dilution Recommended:	WB (1:1000); optimal dilutions for assays should be determined by the user.
Antibody Species Reactivity:	Fish Mammals Plant (A. thaliana, L. satvia, R. Sativa)
Antibody Positive Control:	1 ug/ml of SPC-311 was sufficient for detection of HSP70/HSC70 in 1 mg wet plant sample extract by colorimetric immunoblot analysis using Goat anti-rabbit IgG:HRP as the secondary antibody.
Target Detection Immunoblotting:	In mouse brain lysates, this antibody strongly detects a ~70 kDa protein.
Antibody Cross Reactivities:	No other prominent cross-reactive proteins in mouse brain lysates.

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