

AB-NN269-1

Heat shock protein 105 kDa

Pan-specific polyclonal antibody for monitoring the expression of hamster Heat shock protein 105 kDa (HSP105)



KINEXUS

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Target Protein

Name Long:	Heat shock protein 105 kDa
Alias:	Heat shock 105kDa alpha, heat shock 105kDa beta, HSP105, HSP105A, HSP105B, HSP110, HSPH1, NY CO 25
UniProt ID:	Q92599 - Hamster
Human Predicted Mass (kDa):	97.460 (860 AA; Q92598-4); 96.865 (858 AA; Q92598-1); 92.255 (817 AA; Q92598-3); 92.116 (814 AA; Q92598-2)
Observed SDS-PAGE Mass (kDa):	110

Immunogen

Antibody Immunogen Source:	Synthetic peptide derived from the sequence of hamster HSP110; sequence identical to human and mouse
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Production

Antibody Host Species:	Rabbit
Antibody Type:	Polyclonal
Antibody Ig Isotype Clone Lot:	107 Mix
Antibody Purification:	Affinity purified
Amount:	25 µg
Antibody Concentration:	1 mg/ml
Lot Number:	15DE1
Storage Buffer:	Phosphate buffered saline pH 7.4 pH7.2, 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
Antibody Dilution Recommended:	WB (1:1000), IHC (1:100); optimal dilutions for assays should be determined by the user.
Antibody Species Reactivity:	Human Mouse Rat Bovine Monkey Hamster Sheep Yeast Mustelus antarcticus (Shark) Galeorhinus galeus (Shark)
Antibody Positive Control:	1 µg/ml of SPC-195 was sufficient for detection of HSP110 in 10 µg of human cell line mixed lysate by colorimetric immunoblot analysis using Goat anti-rabbit IgG:HRP as the secondary antibody.
Target Detection Immunoblotting:	Detects a ~110 kDa protein.
Antibody Specificity:	Very high

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

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