

AB-NN268-4

HSF1 Antibody

Pan-specific polyclonal antibody for monitoring the expression of human HSF1



KINEXUS

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Target Protein

Name Long:	Heat shock factor protein 1
Alias:	Heat shock factor 1, Heat shock factor protein 1, Heat shock transcription factor 1, HSF 1, hsf1, HSF1_HUMAN, HSTF 1, HSTF1
UniProt ID:	Q00613 - Human
Human Predicted Mass (KDa):	57.260 (529 AA; Q00613-1); 52.881 (489 AA; Q00613-2)
Observed SDS-PAGE Mass (KDa):	85 and 95

Immunogen

Antibody Immunogen Source:	Purified human HSF1 protein NM_005526.2
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Production

Antibody Host Species:	Rabbit
Antibody Type:	Polyclonal
Antibody Ig Isotype Clone Lot:	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% 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 ICC/IF
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
Antibody Positive Control:	1 µg/ml of SPC-208 was sufficient for detection of HSF1 in 20 µg of heat shocked HeLa cell lysate by colorimetric immunoblot analysis using Rabbit anti-rat IgG: AP as the secondary antibody.
Target Detection Immunoblotting:	In mouse brain lysates, this antibody detects a ~85 kDa protein (unstressed cell lysates), and ~95 kDa protein (heat shocked cell lysates).
Antibody Specificity:	High
Antibody Cross Reactivities:	One strong 45 KDa cross-reactive protein 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