

Rabbit Hsp22 Polyclonal Antibody | anti-Hsp22 antibody

Hsp22 Antibody

CATALOG # AAA225247	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry, Immunocytochemistry, Immunofluorescence
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PRODUCT SYNONYMS

Hsp22; Polyclonal Antibody; Hsp22 Antibody; Affinity Purified Rabbit Polyclonal Hsp22 Antibody; Polyclonal Hsp22 antibody; Anti-Hsp22 antibody; Hsp22 antibody; HMN2A antibody; E2IG1 antibody; CMT2L antibody; Hsp 22 antibody; small stress protein-like protein Hsp22 antibody; protein kinase H11 antibody; DHMN2 antibody; HMN2 antibody; Hsp-22; H11 antibody; Hsp 22; HspB8 antibody; alpha-crystallin C chain antibody; heat shock 27kDa protein 8 antibody; Hsp-22 antibody; anti-Hsp22 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen-Affinity Chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	1 mg/ml (varies by lot)
Sequence Length	197
Applicable Applications for anti-Hsp22 antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IF (Immunofluorescence)
Immunogen	Hsp22 antibody was raised in rabbit using a synthetic peptide corresponding to a region within amino acids 134 and 196 of Hsp22
Cross-Reactivity	Human
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



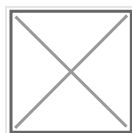
IHC (Immunohistochemistry)

Immunohistochemical staining of paraffin-embedded LUNG SCC using Hsp22 antibody at a dilution of 1:500



WB (Western Blot)

Western blot analysis of 30 ug whole cell lysate (A:293T whole cell lysate; B:A431) using a 12% SDS PAGE gel and Hsp22 antibody at a dilution of 1:1000



IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using HSPB8 antibody at 1:200 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-Hsp22 antibody	The protein encoded by this gene belongs to the superfamily of small heat-shock proteins containing a conservative alpha-crystallin domain at the C-terminal part of the molecule. The expression of this gene is induced by estrogen in estrogen receptor-positive breast cancer cells, and this protein also functions as a chaperone in association with Bag3, a stimulator of macroautophagy. Thus, this gene appears to be involved in regulation of cell proliferation, apoptosis, and carcinogenesis, and mutations in this gene have been associated with different neuromuscular diseases, including Charcot-Marie-Tooth disease.
Product Categories/Family for anti-Hsp22 antibody	Protein Modification & Stress Response

NCBI AND UNIPROT INFORMATION

NCBI GI #	342240195
Molecular Weight	22 kDa
NCBI Official Full Name	HSP22

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/hsp22-antibody-western-blot-immunohistochemistry-immunocytochemistry-immunofluorescence-elisa/225247>