

Rabbit HSP20 Polyclonal Antibody | anti-HSP20 antibody

Rabbit anti-HSP20 (pS16) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA223995	Rabbit	Human, Mouse, Rat, Bovine, Monkey	Immunofluorescence, Immunohistochemistry, Western Blot

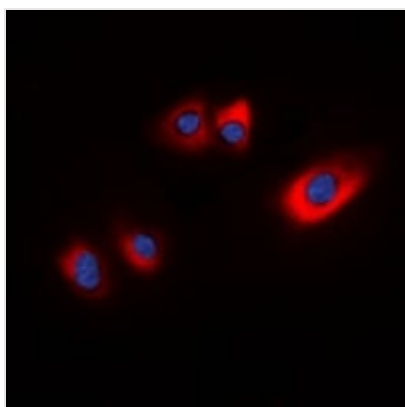
PRODUCT SYNONYMS

HSP20; Polyclonal Antibody; Rabbit anti-HSP20 (pS16) Antibody; Heat shock protein beta-6; HspB6; Heat shock 20 kDa-like protein p20; anti-HSP20 antibody

PRODUCT SPECIFICATIONS

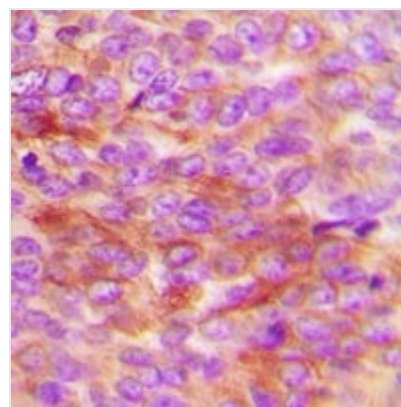
Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine, Monkey
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-HSP20 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human HSP20. The exact sequence is proprietary.
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



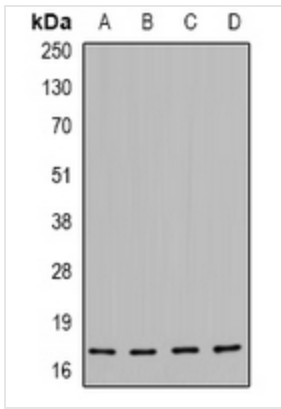
IF (Immunofluorescence)

Immunofluorescent analysis of HSP20 (pS16) staining in HEK293T cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



IHC (Immunohistochemistry)

Immunohistochemical analysis of HSP20 (pS16) staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of HSP20 (pS16) expression in MCF7 (A), HEK293 (B), NIH3T3 (C), H9C2 (D) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-HSP20 antibody	Primary antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21389433
NCBI GeneID	126393
NCBI Accession #	NP_653218.1
NCBI GenBank Nucleotide #	NM_144617.2
UniProt Accession #	O14558; Q5EBG6; P97541
Molecular Weight	17,136 Da
NCBI Official Full Name	heat shock protein beta-6
NCBI Official Synonym Full Names	heat shock protein, alpha-crystallin-related, B6
NCBI Official Symbol	HSPB6
NCBI Official Synonym Symbols	Hsp20
NCBI Protein Information	heat shock protein beta-6; heat shock 20 kDa-like protein p20
UniProt Protein Name	Heat shock protein beta-6
UniProt Gene Name	HSPB6
UniProt Synonym Gene Names	HspB6
UniProt Entry Name	HSPB6_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
 Online datasheet: <https://stage.aaabiotech.com/polyclonal/hsp20-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/223995>