

HSP20 Antibody | anti-HSP20 antibody

HSP20 (Phospho-Ser16) Antibody

CATALOG # AAA267428	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry
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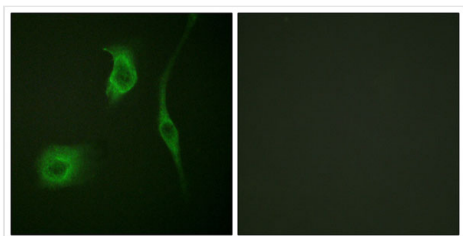
PRODUCT SYNONYMS

HSP20; HSP20 (Phospho-Ser16) Antibody; HSPB6; Heat-shock 20 kDa like-protein p20; anti-HSP20 antibody

PRODUCT SPECIFICATIONS

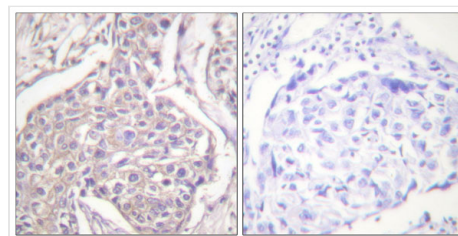
Reactivity	Human, Mouse, Rat
Specificity	HSP20 (Phospho-Ser16) antibody detects endogenous levels of HSP20 only when phosphorylated at serine 16.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	160
Applicable Applications for anti-HSP20 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human HSP20 around the phosphorylation site of serine 16 (R-A-SP-A-P).
All Sites	Human: Ser16 Mouse: Ser16 Rat: Ser16
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



IHC (Immunohistochemistry)

P-peptide-+ Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using HSP20 (Phospho-Ser16) antibody. Immunofluorescence analysis of HeLa cells, using HSP20 (Phospho-Ser16) antibody.



Application Data

P-peptide-+

ADDITIONAL INFORMATION

References	Guo-Chang Fan, Circ. Res., Jun 2004; 94: 1474-1482. Junzo Norimine, Infect. Immun., Feb 2004; 72: 1096-1106. Marco Ventura, Appl. Envir. Microbiol., Jul 2007; 73: 4695-4703. Charles R. Flynn, FASEB J, May 2003; 10.1096/fj.02-1028fje.
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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; O14551; Q6NVI3; Q96MG9
Molecular Weight	17,136 Da
NCBI Official Full Name	heat shock protein beta-6
NCBI Official Synonym Full Names	heat shock protein family B (small) member 6
NCBI Official Symbol	HSPB6
NCBI Official Synonym Symbols	HEL55; Hsp20; PPP1R91
NCBI Protein Information	heat shock protein beta-6
UniProt Protein Name	Heat shock protein beta-6
UniProt Gene Name	HSPB6
UniProt Synonym Gene Names	HspB6

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/human-mouse-rat-antibody/hsp20/267428>