

**HSPBAP1 Antibody (C-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP1020b****Specification**

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**HSPBAP1 Antibody (C-term) Blocking peptide - Product Information**Primary Accession [Q96EW2](#)**HSPBAP1 Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 79663**Other Names**

HSPB1-associated protein 1, 27 kDa heat shock protein-associated protein 1, Protein associated with small stress protein 1, HSPBAP1, PASS1

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AM1020b](/products/AM1020b) was selected from the region of human GAPDH Monoclonal. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**HSPBAP1 Antibody (C-term) Blocking peptide - Protein Information****Name** HSPBAP1**Synonyms** PASS1**Function**

May play a role in cellular stress response.

**Cellular Location**

Cytoplasm.

**Tissue Location**

Widely expressed..

## **HSPBAP1 Antibody (C-term) Blocking peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

## **HSPBAP1 Antibody (C-term) Blocking peptide - Images**

## **HSPBAP1 Antibody (C-term) Blocking peptide - Background**

Glyceraldehyde-3-phosphate dehydrogenase catalyzes an important energy-yielding step in carbohydrate metabolism, the reversible oxidative phosphorylation of glyceraldehyde-3-phosphate in the presence of inorganic phosphate and nicotinamide adenine dinucleotide (NAD). The enzyme exists as a tetramer of identical chains. A GAPD pseudogene has been mapped to Xp21-p11 and 15 GAPD-like loci have been identified.

## **HSPBAP1 Antibody (C-term) Blocking peptide - References**

Blatnik,M., Ann. N. Y. Acad. Sci. 1126, 272-275 (2008)Loecken,E.M.Chem. Res. Toxicol. 21 (2), 453-458 (2008)Allen R.W.,J. Biol. Chem. 262:649-653(1987).