

HSPA1A Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP7574d**Specification****HSPA1A Antibody (Center) Blocking Peptide -
Product Information**Primary Accession [P08107](#)**HSPA1A Antibody (Center) Blocking Peptide -
Additional Information****Other Names**

Heat shock 70 kDa protein 1A/1B, Heat
shock 70 kDa protein 1/2,
HSP70-1/HSP70-2, HSP701/HSP702,
HSPA1A, HSPA1, HSX70

Target/Specificity

The synthetic peptide sequence used to
generate the antibody [AP7574d](#) was
selected from the Center region of
human HSPA1A. 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.

**HSPA1A Antibody (Center) Blocking Peptide -
Protein Information****HSPA1A Antibody (Center) Blocking
Peptide - Background**

HSPA1A is a member of the heat shock protein
70 family. In conjunction with other heat shock
proteins, this protein stabilizes existing
proteins against aggregation and mediates the
folding of newly translated proteins in the
cytosol and in organelles. It is also involved in
the ubiquitin-proteasome pathway through
interaction with the AU-rich element
RNA-binding protein 1.

**HSPA1A Antibody (Center) Blocking
Peptide - References**

Mueller, T., et al., Transplantation
78(2):292-295 (2004). Fekete, A., et al., Pediatr.
Res. 54(4):452-455 (2003). Broquet, A.H., et al.,
J. Biol. Chem. 278(24):21601-21606
(2003). Bruce, C.R., et al., Diabetes
52(9):2338-2345 (2003). Anwar, A., et al., J.
Biol. Chem. 277(16):14060-14067 (2002).

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Peptide - Protocols

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

- [Blocking Peptides](#)