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HSPA1A Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP7574b

Specification

HSPA1A Antibody (C-term) Blocking Peptide - Product Information

Primary Accession	P08107

HSPA1A Antibody (C-term) 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 AP7574b was selected from the C-term 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 (C-term) Blocking Peptide - Protein Information

HSPA1A Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

HSPA1A Antibody (C-term) Blocking Peptide - Images

HSPA1A Antibody (C-term) 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.

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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).