

AHSA1 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP2892a**Specification**

AHSA1 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [O95433](#)**AHSA1 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 10598**Other Names**

Activator of 90 kDa heat shock protein ATPase homolog 1, AHA1, p38, AHSA1, C14orf3

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP2892a](/products/AP2892a) was selected from the N-term region of human AHSA1. 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.

AHSA1 Antibody (N-term) Blocking Peptide - Protein Information**Name** AHSA1**Synonyms** C14orf3**Function**

Acts as a co-chaperone of HSP90AA1 (PubMed:[29127155](http://www.uniprot.org/citations/29127155)). Activates the ATPase activity of HSP90AA1 leading to increase in its chaperone activity (PubMed:[29127155](http://www.uniprot.org/citations/29127155)). Competes with the inhibitory co-chaperone FNIP1 for binding to HSP90AA1, thereby providing a reciprocal regulatory mechanism for chaperoning of client proteins (PubMed:[27353360](http://www.uniprot.org/citations/27353360)). Competes with the inhibitory co-chaperone TSC1 for binding to HSP90AA1, thereby providing a reciprocal regulatory mechanism for chaperoning of client proteins (PubMed:[29127155](http://www.uniprot.org/citations/29127155)).

Cellular Location

Cytoplasm, cytosol. Endoplasmic reticulum. Note=May transiently interact with the endoplasmic reticulum

Tissue Location

Expressed in numerous tissues, including brain, heart, skeletal muscle and kidney and, at lower levels, liver and placenta.

AHSA1 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

AHSA1 Antibody (N-term) Blocking Peptide - Images**AHSA1 Antibody (N-term) Blocking Peptide - Background**

AHSA1 is a cochaperone that stimulates HSP90 ATPase activity. This protein may affect a step in the endoplasmic reticulum to Golgi trafficking.

AHSA1 Antibody (N-term) Blocking Peptide - References

Wang,X.,etc,Cell 127 (4), 803-815 (2006)Panaretou,B., etc,Mol. Cell 10 (6), 1307-1318 (2002)