

**AHA1 Antibody**  
**Rabbit mAb**  
**Catalog # AP92301****Specification****AHA1 Antibody - Product Information**

Application	WB, IP
Primary Accession	<a href="#">O95433</a>
Reactivity	Rat
Clonality	Monoclonal
<b>Other Names</b>	
AHA 1; AHA1; AHSA 1; Ahsa1; C14orf3; HSPC322; p38;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	38274 Da

**AHA1 Antibody - Additional Information**

Dilution	WB~~1:1000 IP~~N/A
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human AHA1
Description	Cochaperone that stimulates HSP90 ATPase activity (By similarity). May affect a step in the endoplasmic reticulum to Golgi trafficking.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

**AHA1 Antibody - Protein Information****Name** AHSA1**Synonyms** C14orf3**Function**

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

regulatory mechanism for chaperoning of client proteins (PubMed:<a href="http://www.uniprot.org/citations/29127155" target="\_blank">29127155</a>).

**Cellular Location**

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

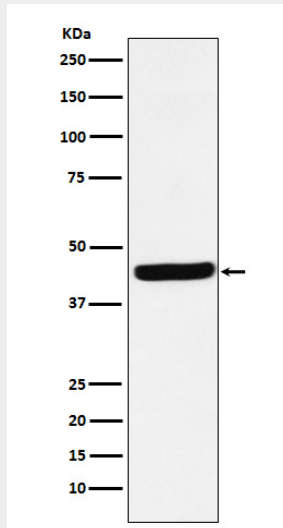
**Tissue Location**

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

**AHA1 Antibody - Protocols**

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**AHA1 Antibody - Images**

Western blot analysis of AHA1 expression in HepG2 cell lysate.