

AHA1p Antibody
Catalog # ASM10464**Specification**

AHA1p Antibody - Product Information

Application	WB
Primary Accession	Q12449
Other Accession	NP_010500.3
Host	Rabbit
Reactivity	Yeast
Clonality	Polyclonal

Description

Rabbit Anti-Yeast AHA1p Polyclonal

Target/Specificity

Detects ~ 38kDa. Can run up to 45kDa on SDS Page.

Other Names

Activator of 90 kDa heat shock protein ATPase homolog 1 Antibody, Aha1 Antibody, SHSA1 Antibody, HSPC322 Antibody, p38 Antibody

Immunogen

Yeast Aha1 raised against peptide (CESQVKSNYTRGNQK)-KLH fusion

Purification

Rabbit Antiserum

Storage **-20°C****Storage Buffer**

Rabbit Antiserum, PBS, 50% glycerol

Shipping Temperature **Blue Ice or 4°C****Certificate of Analysis**

0.5 µg/ml of SPC-204 was sufficient for detection of Aha1p in 20 µg of W303 yeast lysate by colorimetric immunoblot analysis using Goat anti-rabbit IgG:HRP as the secondary antibody.

Cellular Localization

Cytoplasm | Endoplasmic Reticulum

AHA1p 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](#)

AHA1p Antibody - Images

AHA1p Antibody - Background

Aha1 is a member of the HSP90 cochaperone family, and is thought to stimulate HSP90 ATPase activity by competing with p23 and other co-chaperones for HSP90 binding (1, 2). It may affect a step in the endoplasmic reticulum to Golgi trafficking. Aha1 also interacts with HSPCA/HSP90 and with the cytoplasmic tail of the vesicular stomatitis virus glycoproteins (VSV G) (3). Aha1 is expressed in numerous tissues, including the brain, heart, skeletal muscle, and kidney, and at low levels, the liver and placenta. Aha1 might be a potential therapeutic strategy to increase sensitivity to HSP inhibitors (4).

AHA1p Antibody - References

1. Hainzl O., Lapina M.C., Buchner J., Richter K. (2009) J Biol Chem. Epub.
2. Harst A., Lin H., Obermann W.M. (2005) Biochem J. 387 (pt.3): 789-796.
3. Lotz G.P., Brychzy A., Heinz S., Obermann W.M. (2008) J Cell Sci. 121(pt.5): 717-723.
4. Holmes J.L., Sharp S.Y., Hobbs S., Workman P. (2008) Cancer Res. 68(4): 1188-1197.