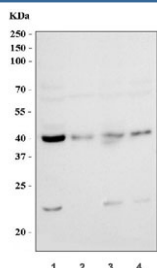


## AHA1 Antibody (RQ4144)

Catalog No.	Formulation	Size
RQ4144	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Monkey
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
<b>UniProt</b>	O95433
<b>Applications</b>	Western Blot : 0.5-1ug/ml Direct ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	This AHA1 antibody is available for research use only.



Western blot testing of 1) human MCF7, 2) human PC-3, 3) human A549 and 4) monkey COS-7 cell lysate with AHA1 antibody at 0.5ug/ml. Predicted molecular weight ~38 kDa.

## Description

Activator of 90 kDa heat shock protein ATPase homolog 1 is an enzyme that in humans is encoded by the AHSA1 gene. The International Radiation Hybrid Mapping Consortium mapped the AHSA1 gene to chromosome 14. It acts as a co-chaperone of HSP90AA1. AHSA1 competes with the inhibitory co-chaperone FNIP1 for binding to HSP90AA1, thereby providing a reciprocal regulatory mechanism for chaperoning of client proteins

## Application Notes

Optimal dilution of the AHA1 antibody should be determined by the researcher.

## Immunogen

A recombinant human partial protein corresponding to amino acids N21-F338 was used as the immunogen for the AHA1 antibody.

## Storage

After reconstitution, the AHA1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.