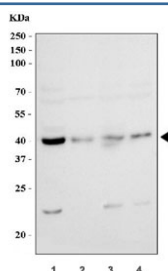


AHA1 Antibody (RQ4144)

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

Bulk quote request

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