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**Product Name: AHA1 Rabbit Monoclonal Antibody****Catalog #: AMRe86459**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IP
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.51mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:1000-1:5000,IP 1:20-1:50
<b>Molecular Weight</b>	Calculated MW:38 kDa; Observed MW:42 kDa

**Antigen Information**

<b>Gene Name</b>	AHA1
<b>Alternative Names</b>	p38; AHA1; hAha1; C14orf3
<b>Gene ID</b>	10598
<b>SwissProt ID</b>	O95433
<b>Immunogen</b>	A synthetic peptide of human AHA1

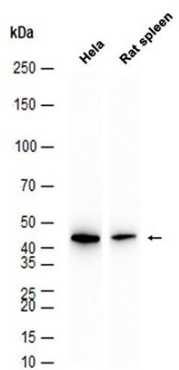
**Background**

Acts as a co-chaperone of HSP90AA1 (PubMed:29127155). Activates the ATPase activity of HSP90AA1 leading to increase in its chaperone activity (PubMed:29127155). Competes with the inhibitory co-chaperone FNIP1 for binding to HSP90AA1, thereby

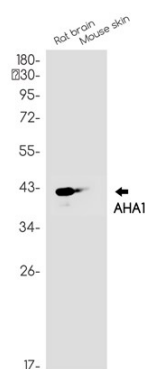
providing a reciprocal regulatory mechanism for chaperoning of client proteins (PubMed:27353360). Competes with the inhibitory co-chaperone TSC1 for binding to HSP90AA1, thereby providing a reciprocal regulatory mechanism for chaperoning of client proteins (PubMed:29127155).

## Research Area

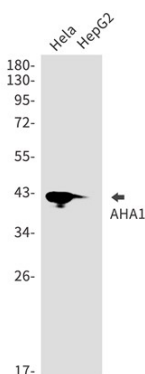
## Image Data



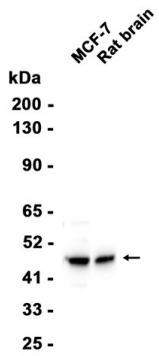
Western blot analysis of extracts from HeLa cells and Rat spleen tissue using AHA1 Rabbit Monoclonal Antibody at 1:1000.



Western blot analysis of AHA1 in rat brain, mouse skin lysates using AHA1 antibody(1:1000 diluted).



Western blot analysis of AHA1 in HeLa, HepG2 lysates using AHA1 antibody(1:1000 diluted).



Western blot analysis of extracts from MCF-7 cells and Rat brain tissue using AMRe86459 at 1:500.