

# AB-NN190-2

## AHA1 Antibody

Pan-specific monoclonal antibody (25F2.D10) for monitoring the expression of mouse AHA1



**KINEXUS**

Address: 8755 Ash Street, Suite 1  
Vancouver, British Columbia,  
Canada V6P 6T3

Email: [info@kinexus.ca](mailto:info@kinexus.ca)  
Phone: 604-323-2547

### Target Protein

<b>Name Long:</b>	Activator of 90 kDa heat shock protein ATPase homologue 1 (AHA1)
<b>Alias:</b>	Aha 1, Ahsa1, p38, HSPC322, C14orf3, Activator of HSP90 ATPase, Activator of 90 kDa heat shock protein ATPase homologue 1
<b>UniProt ID:</b>	Q8BK64 - Mouse
<b>Human Predicted Mass (KDa):</b>	38.274 (338 AA; O95433-1); 32.340 (288 AA; O95433-2)
<b>Observed SDS-PAGE Mass (KDa):</b>	38-45

### Immunogen

<b>Antibody Immunogen Source:</b>	Mouse Aha1
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### Production

<b>Antibody Host Species:</b>	Rat
<b>Antibody Type:</b>	Monoclonal
<b>Antibody Ig Isotype Clone Lot:</b>	47 IgG2aKappa
<b>Antibody Purification:</b>	Protein G purified
<b>Amount:</b>	25 µg
<b>Antibody Concentration:</b>	1.6 mg/ml
<b>Lot Number:</b>	15DE1
<b>Storage Buffer:</b>	20 mM potassium phosphate, 150 mM sodium chloride, pH 7.2
<b>Storage Conditions and Stability:</b>	For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles.

### Applications

<b>Product Use:</b>	WB   IHC   ICC/IF   IP   ELISA
<b>Antibody Dilution Recommended:</b>	WB (1:1000), IHC (1:100); optimal dilutions for assays should be determined by the user.
<b>Antibody Species Reactivity:</b>	Human   Mouse   Rat
<b>Antibody Positive Control:</b>	1 µg/ml of SMC-173 was sufficient for detection of Aha1 in 10 µg of rat tissue lysate by colorimetric immunoblot analysis using Goat anti-rat IgG:HRP as the secondary antibody.
<b>Target Detection Immunoblotting:</b>	Detects a ~38 kDa protein. Can migrate as a 45 kDa protein on SDS-PAGE gels based on immunoreactivity with recombinant Aha1.

This product is for in vitro research use only and is not intended for use in humans or animals.

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