

# AB-NN191-3

## AHA1 Antibody

Pan-specific monoclonal antibody (4H9-D7) for monitoring the expression of human AHA1



**KINEXUS**

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### 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>	O95433 - Human
<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>	Human Aha1, his tagged
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### Production

<b>Antibody Host Species:</b>	Mouse
<b>Antibody Type:</b>	Monoclonal
<b>Antibody Ig Isotype Clone Lot:</b>	45 IgG1Kappa
<b>Antibody Purification:</b>	Protein G purified
<b>Amount:</b>	25 µg
<b>Antibody Concentration:</b>	1 mg/ml
<b>Lot Number:</b>	15DE1
<b>Storage Buffer:</b>	Phosphate buffered saline pH 7.4 pH7.2, 50% glycerol, 0.09% sodium azide
<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   ELISA
<b>Antibody Dilution Recommended:</b>	WB (1:1000); optimal dilutions for assays should be determined by the user.
<b>Antibody Species Reactivity:</b>	Human   Mouse
<b>Antibody Positive Control:</b>	1 µg/ml of SMC-198 was sufficient for detection of Aha1 in 10ug of HeLa cell lysate by colorimetric immunoblot analysis using Goat anti-mouse 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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