

**Product Name: Activin Receptor Type IA Rabbit  
Monoclonal Antibody  
Catalog #: AMRe01609**

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## Summary

<b>Production Name</b>	Activin Receptor Type IA Rabbit Monoclonal Antibody
<b>Description</b>	Recombinant Rabbit Monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IP
<b>Reactivity</b>	Human,Mouse

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal Antibody
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
<b>Purification</b>	Affinity Purified

## Immunogen

<b>Gene Name</b>	ACVR1
<b>Alternative Names</b>	ACTRI; Acvr1; ACVR1A; ACVRLK2; ALK2; FOP; SKR1; TSRI
<b>Gene ID</b>	90
<b>SwissProt ID</b>	Q04771

## Application

<b>Dilution Ratio</b>	WB: 1/500-1/1000 IP: 1/20
<b>Molecular Weight</b>	Calculated MW: 57 kDa; Observed MW: 57 kDa

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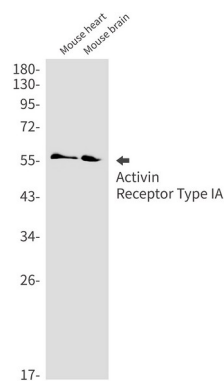
## Background

On ligand binding, forms a receptor complex consisting of two type II and two type I transmembrane serine/threonine kinases. Type II receptors phosphorylate and activate type I receptors which autophosphorylate, then bind and activate SMAD transcriptional regulators.

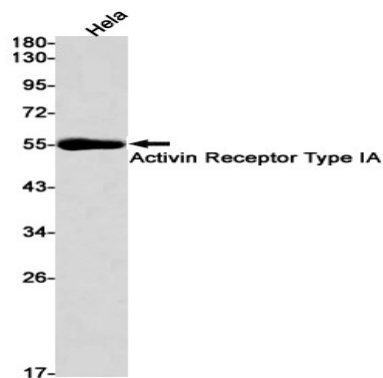
## Research Area

Signal Transduction

## Image Data



Western blot analysis of Activin Receptor Type IA in mouse heart, mouse brain lysates using Activin Receptor Type IA antibody.



Western blot analysis of Activin Receptor Type IA in HeLa lysates using Activin Receptor Type IA antibody.

## Note

For research use only.