

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

Summary

Production Name	Activin Receptor Type IA Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IP
Reactivity	Human,Mouse

Performance

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

Immunogen

Gene Name	ACVR1
Alternative Names	ACTRI; Acvr1; ACVR1A; ACVRLK2; ALK2; FOP; SKR1; TSRI
Gene ID	90
SwissProt ID	Q04771.

Application

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

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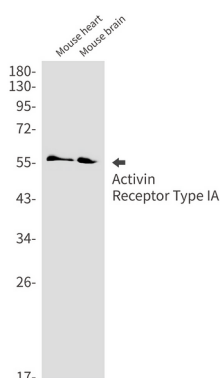
Background

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.

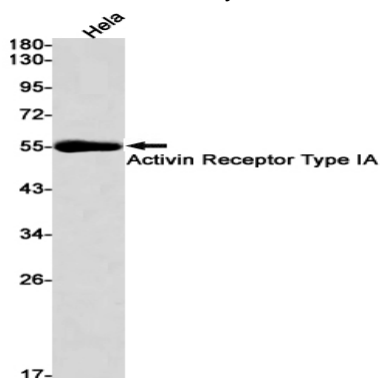
Research Area

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.