

**Product Name: Activin A Receptor Type IB Rabbit
Monoclonal Antibody
Catalog #: AMRe01607**

Summary

Production Name	Activin A Receptor Type IB Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
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 Purified

Immunogen

Gene Name	ACVR1B
Alternative Names	ACVR1B; ACVRLK4; ALK4; Activin receptor type-1B; Activin receptor type IB; ACTR-IB; Activin receptor-like kinase 4; ALK-4; Serine/threonine-protein kinase receptor R2; SKR2
Gene ID	91
SwissProt ID	P36896

Application

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

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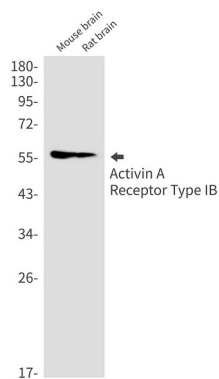
Background

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. Phosphorylates TDP2.

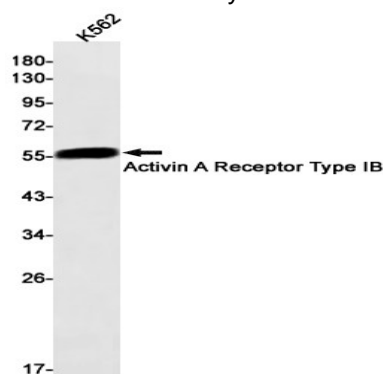
Research Area

Signal Transduction

Image Data



Western blot analysis of Activin A Receptor Type IB in mouse brain, rat brain lysates using Activin A Receptor Type IB antibody.



Western blot analysis of Activin A Receptor Type IB in K562 lysates using Activin A Receptor Type IB antibody.

Note

For research use only.