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**Product Name: Activin Receptor Type IIB Rabbit Monoclonal antibody****Catalog #: AMRe02887**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB
<b>Reactivity</b>	Human, Mouse, Rat, Hamster
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal Antibody
<b>Form</b>	Liquid
<b>Concentration</b>	
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
<b>Purification</b>	Affinity Purified

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000
<b>Molecular Weight</b>	Calculated MW: 58 kDa; Observed MW: 58 kDa

**Antigen Information**

<b>Gene Name</b>	ACVR2B
<b>Alternative Names</b>	ActR IIB; ACVR 2B; HTX4
<b>Gene ID</b>	93
<b>SwissProt ID</b>	Q13705
<b>Immunogen</b>	A synthetic peptide of human Activin Receptor Type IIB/ACVR2B

**Background**

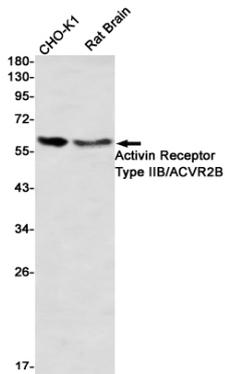
On ligand binding, forms a receptor complex consisting of two type II and two type I transmembrane serine/threonine kinases. Type II receptors phosphorylate and activate type I receptors which autophosphorylate, then bind and activate SMAD

transcriptional regulators. Receptor for activin A, activin B and inhibin A.

## Research Area

Signal Transduction

## Image Data



Western blot analysis of Activin Receptor Type IIB/ACVR2B in CHO-K1, mouse Brain lysates using Activin Receptor Type IIB antibody.