

**Product Name: Activin A Receptor Type IB Rabbit
Monoclonal Antibody
Catalog #: AMRe85253**

Summary

| | |
|------------------------|---|
| Production Name | Activin A Receptor Type IB Rabbit Monoclonal Antibody |
| Description | Rabbit Monoclonal antibody |
| Host | Rabbit |
| Application | WB, ICC |
| Reactivity | Mouse, Rat, Hamster |

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 | Purified antibody in TBS with 0.05% sodium azide, 0.05% protective protein and 50% glycerol. |
| Purification | Affinity Purification |

Immunogen

| | |
|--------------------------|--|
| Gene Name | Activin A Receptor Type IB |
| 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 | 91.0 |
| SwissProt ID | P36896.A synthetic peptide of human Activin A Receptor Type IB |

Application

| | |
|-------------------------|--|
| Dilution Ratio | WB:1:500-1:1000, ICC:1:50-1:200 |
| Molecular Weight | Calculated MW: 57 kDa; Observed MW: 57 kDa |

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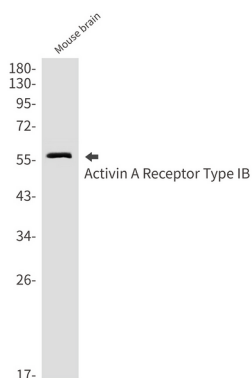


Background

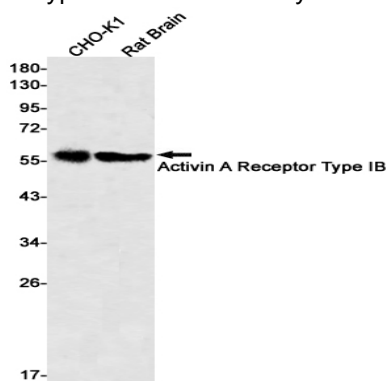
On ligand binding, forms a receptor complex consisting of two type II and two type I transmembrane serine/threonine kinases. Type II receptors phosphorylate and activate type I receptors which autophosphorylate, then bind and activate SMAD transcriptional regulators. Phosphorylates TDP2.

Research Area

Image Data

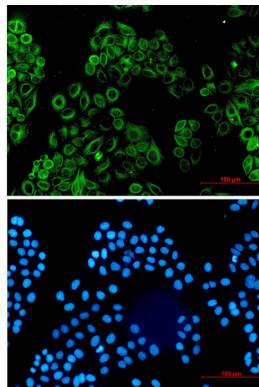


Western blot analysis of Activin A Receptor Type IB in mouse brain lysates using Activin A Receptor Type IB antibody.



Western blot analysis of Activin A Receptor Type IB in CHO-K1, rat Brain lysates using Activin A Receptor Type IB antibody.

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Immunocytochemistry analysis of Activin A Receptor Type IB (green) in hela using Activin A Receptor Type IB antibody, and DAPI(blue)

Note

For research use only.