

Anti-ACVR2A Rabbit Monoclonal Antibody
Catalog # ABO15923**Specification**

Anti-ACVR2A Rabbit Monoclonal Antibody - Product Information

Application	WB
Primary Accession	P27037
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid

Description

Anti-ACVR2A Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with Human, Mouse, Rat.

Anti-ACVR2A Rabbit Monoclonal Antibody - Additional Information

Gene ID 92

Other Names

Activin receptor type-2A, 2.7.11.30, Activin receptor type IIA, ACTR-IIA, ACTRIIA, ACVR2A (http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=173), ACVR2

Calculated MW

85 kDa KDa

Application Details

WB 1:500-1:2000

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human ACVR2A

Purification

Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Anti-ACVR2A Rabbit Monoclonal Antibody - Protein Information

Name ACVR2A ([HGNC:173](#))

Synonyms ACVR2

Function

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 (PubMed:17911401, PubMed:10652306). Mediates induction of adipogenesis by GDF6 (By similarity).

Cellular Location

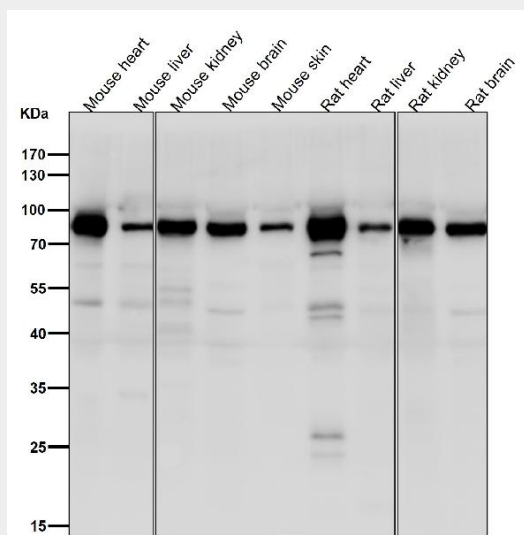
Cell membrane {ECO:0000250|UniProtKB:P27038}; Single-pass type I membrane protein

Anti-ACVR2A Rabbit Monoclonal Antibody - Protocols

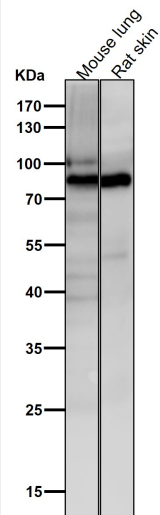
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

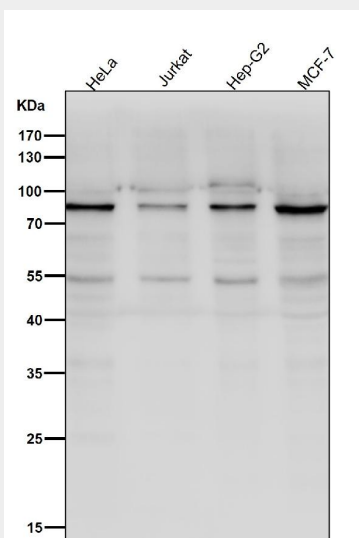
Anti-ACVR2A Rabbit Monoclonal Antibody - Images



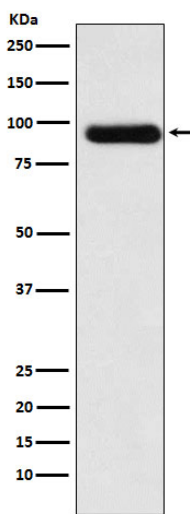
All lanes use the Antibody at 1:5K dilution for 1 hour at room temperature.



All lanes use the Antibody at 1:5K dilution for 1 hour at room temperature.



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Western blot analysis of Activin Receptor Type IIA expression in HeLa cell lysate.