

Anti-ACVR2A Antibody
Rabbit polyclonal antibody to ACVR2A
Catalog # AP61482**Specification**

Anti-ACVR2A Antibody - Product Information

Application	WB
Primary Accession	P27037
Other Accession	P27038
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	57848

Anti-ACVR2A Antibody - Additional Information**Gene ID** 92**Other Names**

ACVR2; Activin receptor type-2A; Activin receptor type IIA; ACTR-IIA; ACTRIIA

Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human ACVR2A. The exact sequence is proprietary.

Dilution

WB~~WB (1/500 - 1/1000)

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Anti-ACVR2A 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).

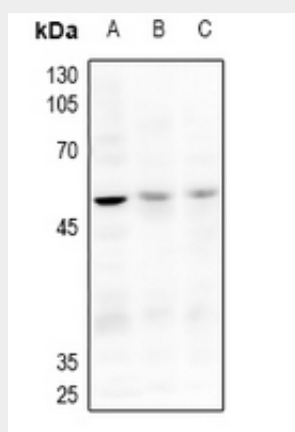
Cellular Location

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

Anti-ACVR2A 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 Antibody - Images

Western blot analysis of ACVR2A expression in H446 (A), mouse testis (B), rat testis (C) whole cell lysates.

Anti-ACVR2A Antibody - Background

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