

ACVR2A Antibody
Rabbit mAb
Catalog # AP92504**Specification**

ACVR2A Antibody - Product Information

Application	WB
Primary Accession	P27037
Reactivity	Rat
Clonality	Monoclonal
Other Names	
ACTR2; ACTRII; ACTRIIA; Acvr2; ACVR2A;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	57848 Da

ACVR2A Antibody - Additional Information

Dilution	WB~~1:1000
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human ACVR2A
Description	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.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

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:<a

<http://www.uniprot.org/citations/10652306>). Mediates induction of adipogenesis by GDF6 (By similarity).

Cellular Location

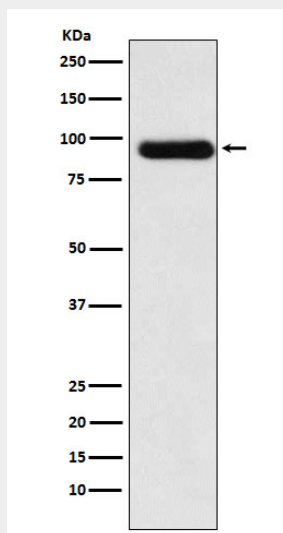
Cell membrane {ECO:0000250|UniProtKB:P27038}; Single-pass type I membrane protein

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](#)

ACVR2A Antibody - Images



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