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Anti-ACVR2A Rabbit Monoclonal Antibody

Catalog # ABO15923

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.

Additional Information

Gene ID	92
Other Names	Activin receptor type-2A, 2.7.11.30, Activin receptor type IIA, ACTR-IIA, ACTRIIA, ACVR2A (HGNC:173), ACVR2
Calculated MW	57848
Application Details	WB 1:500-1:2000
Source	Eukaryota
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.
Clone Names	Clone: 25A00
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.

Protein Information

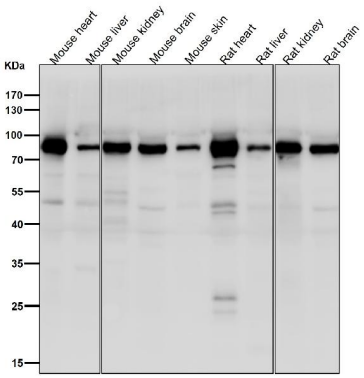
Name	ACVR2A (HGNC:173)
Synonyms	ACVR2
Function	On ligand binding, forms a receptor complex consisting of two type II and two type I transmembrane serine/threonine kinases. Type II receptors phosphorylate and activate type I receptors which autophosphorylate, then

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).

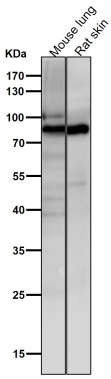
Cellular Location

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

Images



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



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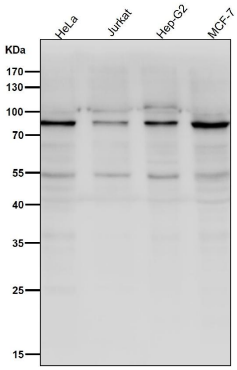

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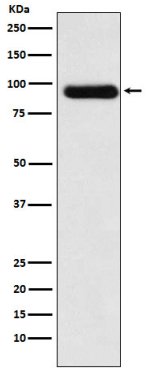
Western blot analysis of Activin Receptor Type IIA expression in HeLa cell lysate.



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