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Anti-ACVR2A Antibody

Catalog # AP61482

Product Information

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

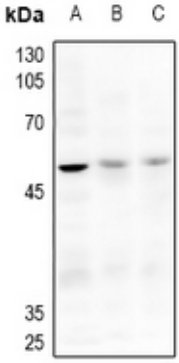
Additional Information

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 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

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



Western blot analysis of ACVR2A expression in H446 (A), mouse testis (B), rat testis (C) whole cell lysates.
(Predicted band size: 57 kD; Observed band size: 58 kD)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.