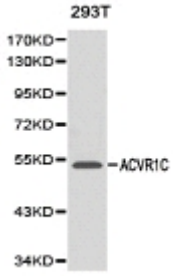
E90678

ACVR1CPolyclonal Antibody

Catalog Number: E90678
Amount: 100ul
Background: ACTR-IC (Activin receptor type 1C), also referred to as Activin receptor-like kinase 7 (ALK-7), is a type I serine/threonine kinase receptor. ACTA-IC contains an extracellular binding domain, an intracellular serine/threonine kinase domain preceded by a GS box and a transmembrane domain. It is expressed throughout the digestive and central nervous system and localizes to the cell surface. Four ACTR-IC transcripts are generated by alternative splicing. Transcript 1 is the functional full length receptor, transcript 2 lacks a complete receptor binding domain and transcripts 3 and 4 are soluble proteins that lack a transmembrane domain. ACTR-IC is a receptor for Activin AB, Activin B and Nodal. In pancreatic cells, ACTR-IC forms a complex with Activin receptor type IIB (ACTR-IIB). The kinase domain of ACTR-IC can induce Smad2 and Smad3 signalling pathways. In some cell lines, ACTR-IC overexpression induces apoptosis and inhibits proliferation.
Species: Rabbit
Isotype: IgG
Storage/Stability: Store at -20oC or -80oC. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Synonyms: ACVR1C;ACVRLK7;ALK7 ;
Immunogen: Recombinant proteinof human ACVR1C
Purification: Affinity purification
Reactivity: H M R
Applications: WB IHC
Molecular Weight: 55kDa
Swiss-Prot No. : Q8NER5
Gene ID: 130399

WB 1:500 - 1:2000
IHC 1:50- 1:200



Western blot analysis of 293T cell lysate using ACVR1C antibody.

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