

Rabbit ACVR1C Polyclonal Antibody | anti-ACVR1C antibody

ACVR1C Antibody

CATALOG # AAA168782	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

ACVR1C; Polyclonal Antibody; ACVR1C Antibody; ACVRLK7; ALK7; anti-ACVR1C antibody

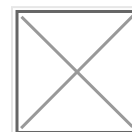
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1mg/mL (varies by lot)
Sequence Length	443
Applicable Applications for anti-ACVR1C antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human ACVR1C
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-54157 / sc-135001
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



Application Data



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-ACVR1C antibody

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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	161333835
NCBI GeneID	130399
NCBI Accession #	NP_001104501.1
NCBI GenBank Nucleotide #	NM_001111031.1
Molecular Weight	49,684 Da
NCBI Official Full Name	activin receptor type-1C isoform 2
NCBI Official Synonym Full Names	activin A receptor, type IC
NCBI Official Symbol	ACVR1C
NCBI Official Synonym Symbols	ALK7; ACVRLK7
NCBI Protein Information	activin receptor type-1C; ACTR-IC; ACVR1C; ALK-7; activin receptor type IC; activin receptor-like kinase 7
UniProt Protein Name	Activin receptor type-1C
UniProt Gene Name	ACVR1C
UniProt Synonym Gene Names	ACTR-IC; ALK-7
UniProt Entry Name	ACV1C_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/acvr1c-antibody-immunohistochemistry-western-blot-elisa/168782>