

Rabbit ACVR1C / ALK7 Polyclonal Antibody | anti-ACVR1C antibody

Rabbit Polyclonal to Human ACVR1C / ALK7

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51072	Rabbit	Bat, Gibbon, Bovine, Gorilla, Human, Pig Predicted Reactivity: Monkey, Horse, Rabbit (at least 90% immunogen sequence identity)	Immunohistochemistry

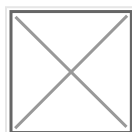
PRODUCT SYNONYMS

ACVR1C / ALK7; Polyclonal Antibody; Rabbit Polyclonal to Human ACVR1C / ALK7; Anti-ACVR1C / ALK7 Antibody (Internal) IHC-plus; ACVR1C; Activin receptor-like kinase 7; ACTR-IC; Activin receptor type IC; ACVR1C; Activin receptor type-1C; ALK7; Activin A receptor; type IC; ALK-7; Human ACVR1C; anti-ACVR1C antibody

PRODUCT SPECIFICATIONS

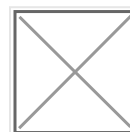
Host	Rabbit
Reactivity	Bat, Gibbon, Bovine, Gorilla, Human, Pig Predicted Reactivity: Monkey, Horse, Rabbit (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human ACVR1C. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	493
Applicable Applications for anti-ACVR1C antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 16 amino acid peptide from internal region of human ACVR1C. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Bovine, Bat, Pig (100%); Marmoset, Elephant, Panda, Horse, Rabbit (94%).
Immunogen Type	Synthetic peptide
Immunogen	ACVR1C / ALK7 antibody was raised against synthetic 16 amino acid peptide from internal region of human ACVR1C. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Bovine, Bat, Pig (100%); Marmoset, Elephant, Panda, Horse, Rabbit (94%); Opossum, Turkey, Chicken, Platypus (88%).
Antigen Modification	Internal
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)

Anti-ACVR1C antibody IHC of human colon. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)

Anti-ACVR1C antibody IHC of human spleen. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-ACVR1C antibody	ALK7, a Activin/TGFb type protein kinase, is a member of the Nodal signaling pathway, which is implicated in developmental events such as mesoderm formation and left-right axis specification. ALK7 is a type I receptor that has been shown to collaborate with activin receptor type 2B (ActRIIB). A constitutively active form of ALK7 has been shown to increase phosphorylation of Smad2, a receptor-regulated signaling protein which translocate to the nucleus to activate transcription.
Product Categories/Family for anti-ACVR1C antibody	Family: Protein Kinase ; Subfamily: Activin/TGFb

NCBI AND UNIPROT INFORMATION

NCBI GI #	161333833
NCBI GeneID	130399
NCBI Accession #	NP_660302.2
NCBI GenBank Nucleotide #	NM_145259.2
UniProt Accession #	Q8NER5 ; Q4ZFZ8 ; Q86UL1 ; Q86UL2 ; Q8TBG2
Molecular Weight	49,684 Da
NCBI Official Full Name	activin receptor type-1C isoform 1
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; ALK-7; ACVR1C; ACTR-IC; 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-alk7-antibody-immunohistochemistry-elisa/51072>