

Rabbit anti-Human, Mouse Activin receptor type-1C Polyclonal Antibody | anti-ACVR1C antibody

Rabbit anti-human Activin receptor type-1C polyclonal Antibody(ACVR1C)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA119166	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

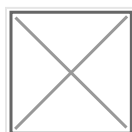
PRODUCT SYNONYMS

Activin receptor type-1C; Polyclonal Antibody; Rabbit anti-human Activin receptor type-1C polyclonal Antibody(ACVR1C); Activin receptor type IC; ACTR-IC; Activin receptor-like kinase 7; ALK-7; ACVR1C; ALK7; anti-ACVR1C antibody

PRODUCT SPECIFICATIONS

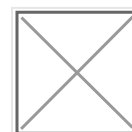
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	443
Applicable Applications for anti-ACVR1C antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human Activin receptor type-1C protein (22-113aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-54157 / sc-135001
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



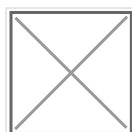
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human adrenal gland using AAA119166 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human colon cancer using AAA119166 at dilution 1:100



WB (Western Blot)

Western blotAll lanes: ACVR1C antibody at 4ug/mlLane 1:mouse brain tissueLane 2:HepG2 whole cell lysateLane 3:Hela whole cell lysateSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 55,38,47,50 kDaObserved band size: 55 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-ACVR1C antibody	Serine/threonine protein kinase which forms a receptor complex on ligand binding. The receptor complex consisting of 2 type II and 2 type I transmembrane serine/threonine kinases. Type II receptors phosphorylate and activate type I receptors which autophosphorylate, then bind and activate SMAD transcriptional regulators, SMAD2 and SMAD3. Receptor for activin AB, activin B and NODAL. Plays a role in cell differentiation, growth arrest and apoptosis.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	161333835
NCBI GeneID	130399
NCBI Accession #	NP_001104501.1
NCBI GenBank Nucleotide #	NM_001111031.1
UniProt Accession #	Q8NER5; Q4ZFZ8; Q86UL1; Q86UL2; Q8TBG2
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
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/activin-receptor-type-1c-antibody-immunohistochemistry-western-blot-elisa/119166>