

Rabbit anti-Human, Mouse ACVR1 Polyclonal Antibody | anti-ACVR1 antibody

ACVR1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA118810	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

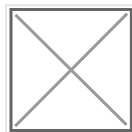
PRODUCT SYNONYMS

ACVR1; Polyclonal Antibody; ACVR1 Antibody; Activin receptor type I; ACTR-I; Activin receptor-like kinase 2; ALK-2; Serine/threonine-protein kinase receptor R1; SKR1; TGF-B superfamily receptor type I; TSR-I; ACVRLK2; anti-ACVR1 antibody

PRODUCT SPECIFICATIONS

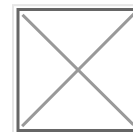
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	509
Applicable Applications for anti-ACVR1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human Activin receptor type-1 protein (20-125aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-5671 / sc-31294 / sc-31295 / sc-25449 / sc-402
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



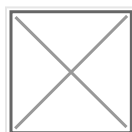
IHC (Immunohistochemistry)

Immunofluorescent analysis of PC3 cells using AAA118810 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney using AAA118810 at dilution 1:100



WB (Western Blot)

Western blotAll lanes: ACVR1 antibody at 6ug/mL Lane 1:A549 whole cell lysate Lane 2:HepG2 whole cell lysate Lane 3:mouse gonad tissue Secondary Goat polyclonal to rabbit at 1/10000 dilution Predicted band size: 39kDa Observed band size: 39kDa

ADDITIONAL INFORMATION

Related Product Information for anti-ACVR1 antibody	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. May be involved for left-right pattern formation during embryogenesis.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4501895
NCBI GeneID	90
NCBI Accession #	NP_001096.1
NCBI GenBank Nucleotide #	NM_001105.4
UniProt Accession #	Q04771
Molecular Weight	57,153 Da
NCBI Official Full Name	activin receptor type-1
NCBI Official Synonym Full Names	activin A receptor type I
NCBI Official Symbol	ACVR1
NCBI Official Synonym Symbols	FOP; ALK2; SKR1; TSRI; ACTRI; ACVR1A; ACVRLK2
NCBI Protein Information	activin receptor type-1
UniProt Protein Name	Activin receptor type-1
UniProt Gene Name	ACVR1
UniProt Synonym Gene Names	ACVRLK2; ACTR-I; ALK-2; SKR1; TSR-I
UniProt Entry Name	ACVR1_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/acvr1-antibody-immunohistochemistry-western-blot-elisa/118810>