

## Rabbit anti-Human ACVR1B Polyclonal Antibody | anti-ACVR1B antibody

ACVR1B Antibody - middle region

|                               |                       |                            |                                     |
|-------------------------------|-----------------------|----------------------------|-------------------------------------|
| CATALOG #<br><b>AAA201571</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|-------------------------------------|

### PRODUCT SYNONYMS

ACVR1B; Polyclonal Antibody; ACVR1B Antibody - middle region; anti-ACVR1B antibody

### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                                       |
|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                |
| Reactivity                                       | Human                                                                                                                                                 |
| Clonality                                        | Polyclonal                                                                                                                                            |
| Purity/Purification                              | Affinity purified                                                                                                                                     |
| Form/Format                                      | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                                     |
| Sequence                                         | Synthetic peptide with the following sequence: QR VYHNRQLDM EDPSCMCLS KDKTLQDLVY DLSTSGSGSG LPLFVQRT                                                  |
| Sequence Length                                  | 505                                                                                                                                                   |
| Applicable Applications for anti-ACVR1B antibody | WB (Western Blot)                                                                                                                                     |
| Immunogen                                        | The immunogen is a synthetic peptide directed towards the middle region of human ACVR1B                                                               |
| Preparation and Storage                          | For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES


**WB (Western Blot)**

Host: Rat Target Name: ACVR1B Sample Tissue: Rat Liver Antibody Dilution: 1 µg/ml


**WB (Western Blot)**

Host: Rabbit Target Name: ACVR1B Sample Tissue: Human Ovary Tumor Antibody Dilution: 1.0 µg/ml

### ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-ACVR1B antibody | This gene encodes an activin A type IB receptor. Activins are dimeric growth and differentiation factors which belong to the transforming growth factor-beta (TGF-beta) superfamily of structurally related signaling proteins. Activins signal through a heteromeric complex of receptor serine kinases which include at least two type I and two type II receptors. This protein is a type I receptor which is essential for signaling. Mutations in this gene are associated with pituitary tumors. Alternate splicing results in multiple transcript variants. |
| Product Categories/Family for anti-ACVR1B antibody   | <b>Polyclonal</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

NCBI AND UNIPROT INFORMATION

|                                  |                                     |
|----------------------------------|-------------------------------------|
| NCBI GI #                        | 4757720                             |
| NCBI GeneID                      | 91                                  |
| NCBI Accession #                 | NP_004293.1                         |
| NCBI GenBank Nucleotide #        | NM_004302.4                         |
| UniProt Accession #              | P36896                              |
| Molecular Weight                 | 57 kDa                              |
| NCBI Official Full Name          | activin receptor type-1B isoform a  |
| NCBI Official Synonym Full Names | activin A receptor type 1B          |
| NCBI Official Symbol             | ACVR1B                              |
| NCBI Official Synonym Symbols    | ALK4; SKR2; ACTRIB; ACVRLK4         |
| NCBI Protein Information         | activin receptor type-1B            |
| UniProt Protein Name             | Activin receptor type-1B            |
| UniProt Gene Name                | <b>ACVR1B</b>                       |
| UniProt Synonym Gene Names       | ACVRLK4; ALK4; ACTR-IB; ALK-4; SKR2 |
| UniProt Entry Name               | ACV1B_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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