

## Rabbit anti-Mouse, Human ACTRIIB/ACVR2B Polyclonal Antibody | anti-ACVR2B antibody

ACTRIIB/ACVR2B Rabbit anti-Human Polyclonal (aa287-336) Antibody

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                                             |
|-----------|--------|--------------|----------------------------------------------------------|
| AAA162599 | Rabbit | Mouse, Human | Western Blot, Immunohistochemistry, Immunohistochemistry |

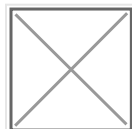
### PRODUCT SYNONYMS

ACTRIIB/ACVR2B; Polyclonal Antibody; ACTRIIB/ACVR2B Rabbit anti-Human Polyclonal (aa287-336) Antibody; IHC-plus ACTRIIB/ACVR2B Antibody (aa287-336); ACVR2B; Activin A receptor type IIB; Activin receptor type-2B; ActR-IIB; ACTRIIB; Activin receptor type IIB; Activin A receptor; type IIB; HTX4; anti-ACVR2B antibody

### PRODUCT SPECIFICATIONS

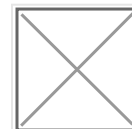
|                                                  |                                                                                                                                                                                                                                                                                                                                                                                                     |
|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                                                                                                                                                                                                                                                              |
| Reactivity                                       | Mouse, Human                                                                                                                                                                                                                                                                                                                                                                                        |
| Clonality                                        | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                          |
| Specificity                                      | Human ACVR2B                                                                                                                                                                                                                                                                                                                                                                                        |
| Purity/Purification                              | Immunoaffinity purified                                                                                                                                                                                                                                                                                                                                                                             |
| Form/Format                                      | PBS, 0.09% sodium azide, 2% sucrose                                                                                                                                                                                                                                                                                                                                                                 |
| Concentration                                    | 0.5mg/ml (varies by lot)                                                                                                                                                                                                                                                                                                                                                                            |
| Applicable Applications for anti-ACVR2B antibody | WB (Western Blot), IHC (Immunohistochemistry), IHC (Immunohistochemistry)                                                                                                                                                                                                                                                                                                                           |
| Target                                           | Human ACTRIIB/ACVR2B                                                                                                                                                                                                                                                                                                                                                                                |
| Immunogen                                        | Synthetic peptide located between aa287-336 of human ACVR2B (Q13705, NP_001097). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Monkey, Galago, Marmoset, Mouse, Rat, Sheep, Hamster, Elephant, Panda, Dog, Bovine, Bat, Horse, Pig, Guinea pig (100%); Opossum, Turkey, Chicken, Xenopus, Drosophila (92%); Orangutan, Beetle (90%); Trout, Stickleback, Zebrafish (85%). |
| Conjugation                                      | Unconjugated                                                                                                                                                                                                                                                                                                                                                                                        |
| Epitope                                          | aa287-336                                                                                                                                                                                                                                                                                                                                                                                           |
| Family                                           | Protein Kinase                                                                                                                                                                                                                                                                                                                                                                                      |
| Subfamily                                        | Activin/TGFb                                                                                                                                                                                                                                                                                                                                                                                        |
| Preparation and Storage                          | Short term: Store at 2-8 degree C. Long term: Aliquot and store at -20 degree C. Avoid freeze/thaw cycles.                                                                                                                                                                                                                                                                                          |

### IMAGES



#### IHC (Immunohistochemistry)

ACTRIIB/ACVR2B Antibody-Anti-ACTRIIB/ACVR2B antibody IHC staining of human prostate. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml. This image was taken for the unconjugated form of this product. Other forms have not been tested.



#### WB (Western Blot)

ACTRIIB/ACVR2B Antibody-ACVR2B antibody Western blot of PANC1 cell lysate. This image was taken for the unconjugated form of this product. Other forms have not been tested.

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                           |
|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-ACVR2B antibody | ACVR2B antibody is an unconjugated rabbit polyclonal antibody to ACVR2B (ACTRIIB)(aa287-336) from human. It is reactive with human, mouse, rat and other species. Validated for IHC and WB. Tested on 20 paraffin-embedded human tissues. |
|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                            |
|----------------------------------|----------------------------|
| NCBI GI #                        | 116734708                  |
| NCBI GeneID                      | 93                         |
| NCBI Accession #                 | NP_001097.2                |
| NCBI GenBank Nucleotide #        | NM_001106                  |
| UniProt Accession #              | Q13705; Q4VAV0             |
| Molecular Weight                 | – Da                       |
| NCBI Official Full Name          | activin receptor type-2B   |
| NCBI Official Synonym Full Names | activin A receptor type 2B |
| NCBI Official Symbol             | ACVR2B                     |
| NCBI Official Synonym Symbols    | HTX4; ACTRIIB; ActR-IIB    |
| NCBI Protein Information         | activin receptor type-2B   |
| UniProt Protein Name             | Activin receptor type-2B   |
| UniProt Gene Name                | ACVR2B                     |
| UniProt Synonym Gene Names       | ACTR-IIB                   |
| UniProt Entry Name               | AVR2B_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](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/polyclonal/actriib-acvr2b-antibody-western-blot-immunohistochemistry-immunohistochemistry-elisa/162599>