

## Rabbit ACVRL1 Polyclonal Antibody | anti-ACVRL1 antibody

ACVRL1 Polyclonal Antibody

|                               |                       |                                        |                                            |
|-------------------------------|-----------------------|----------------------------------------|--------------------------------------------|
| CATALOG #<br><b>AAA280706</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>ELISA, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|--------------------------------------------|

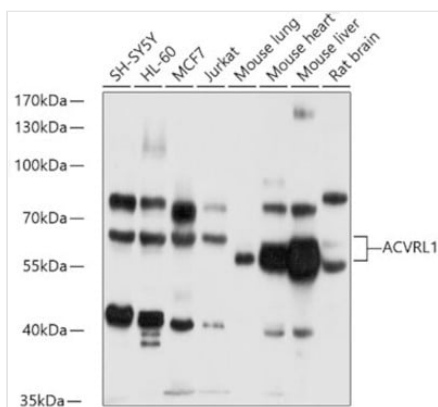
### PRODUCT SYNONYMS

ACVRL1; Polyclonal Antibody; ACVRL1 Polyclonal Antibody; HHT; ALK1; HHT2; ORW2; SKR3; ALK-1; TSR-I; ACVRLK1; anti-ACVRL1 antibody

### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                         |
|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                  |
| Reactivity                                       | Human, Mouse, Rat                                                                                                       |
| Clonality                                        | Polyclonal                                                                                                              |
| Isotype                                          | IgG                                                                                                                     |
| Purity/Purification                              | Affinity purification                                                                                                   |
| Form/Format                                      | PBS with 0.09% Sodium azide,50% glycerol,pH7.3.                                                                         |
| Sequence Length                                  | 503                                                                                                                     |
| Applicable Applications for anti-ACVRL1 antibody | ELISA, WB (Western Blot)                                                                                                |
| Immunogen                                        | Recombinant fusion protein containing a sequence corresponding to amino acids 234-503 of human ACVRL1 (NP_001070869.1). |
| Preparation and Storage                          | Store at -20°C. Avoid freeze / thaw cycles.                                                                             |

### IMAGES



#### WB (Western Blot)

Western blot analysis of extracts of various cell lines, using ACVRL1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-ACVRL1 antibody | This gene encodes a type I cell-surface receptor for the TGF-beta superfamily of ligands. It shares with other type I receptors a high degree of similarity in serine-threonine kinase subdomains, a glycine- and serine-rich region (called the GS domain) preceding the kinase domain, and a short C-terminal tail. The encoded protein, sometimes termed ALK1, shares similar domain structures with other closely related ALK or activin receptor-like kinase proteins that form a subfamily of receptor serine/threonine kinases. Mutations in this gene are associated with hemorrhagic telangiectasia type 2, also known as Rendu-Osler-Weber syndrome 2. |
| Product Categories/Family for anti-ACVRL1 antibody   | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

NCBI AND UNIPROT INFORMATION

|                                  |                                                    |
|----------------------------------|----------------------------------------------------|
| NCBI GI #                        | 116734712                                          |
| NCBI GeneID                      | 94                                                 |
| NCBI Accession #                 | NP_000011.2                                        |
| NCBI GenBank Nucleotide #        | NM_000020.2                                        |
| UniProt Accession #              | P37023; A6NGA8                                     |
| Molecular Weight                 | Calculated MW: 56kDa<br>Molecular Weight: 65kDa    |
| NCBI Official Full Name          | serine/threonine-protein kinase receptor R3        |
| NCBI Official Synonym Full Names | activin A receptor like type 1                     |
| NCBI Official Symbol             | ACVRL1                                             |
| NCBI Official Synonym Symbols    | HHT; ALK1; HHT2; ORW2; SKR3; ALK-1; TSR-I; ACVRLK1 |
| NCBI Protein Information         | serine/threonine-protein kinase receptor R3        |
| UniProt Protein Name             | Serine/threonine-protein kinase receptor R3        |
| UniProt Gene Name                | ACVRL1                                             |
| UniProt Synonym Gene Names       | ACVRLK1; ALK1; SKR3; ALK-1; TSR-I                  |
| UniProt Entry Name               | ACVL1_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.