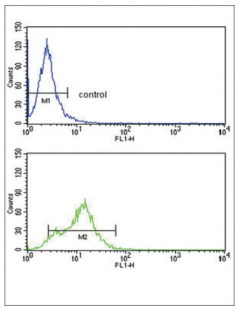
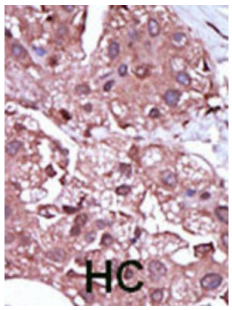
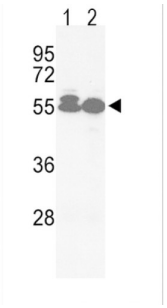
# Serine/threonine-Protein Kinase Receptor R3 (ACVRL1) Antibody

Catalogue No.:abx033694






ACVRL1 is 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. This 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.

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| **Target:** | Serine/threonine-Protein Kinase Receptor R3 (ACVRL1) |
| **Clonality:** | Polyclonal |
| **Reactivity:** | Human |
| **Tested Applications:** | ELISA, WB, IHC, FCM |
| **Host:** | Rabbit |


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| **Recommended dilutions:** | WB: 1/1000, IHC-P: 1/50 - 1/100, FCM: 1/10 - 1/50. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user. |
| **Conjugation:** | Unconjugated |
| **Immunogen:** | KLH-conjugated synthetic peptide between 474-503 amino acids from the C-terminal region of human ACVRL1. |
| **Isotype:** | IgG |
| **Form:** | Liquid |
| **Purification:** | Purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS. |
| **Storage:** | Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles. |
| **UniProt Primary AC:** | P37023 (UniProt, ExPASy) |
| **KEGG:** | hsa:94 |
| **String:** | 9606.ENSP00000373574 |
| **Molecular Weight:** | Calculated MW: 56.1 kDa |
| **Buffer:** | PBS containing 0.09% sodium azide. |
| **Note:** | THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION. |




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