

Anti-Human/Mouse/Rat ACVRL1 Polyclonal Antibody**Polyclonal Antibody****Cat.NO.: PA06331**

3th Edition

Description: 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. ACVRL1 (Activin A Receptor Like Type 1) is a Protein Coding gene. Diseases associated with ACVRL1 include Telangiectasia, Hereditary Hemorrhagic, Type 2 and Acvr1-Related Hereditary Hemorrhagic Telangiectasia. Among its related pathways are DREAM Repression and Dynorphin Expression and ERK Signaling. GO annotations related to this gene include transferase activity, transferring phosphorus-containing groups and protein tyrosine kinase activity. An important paralog of this gene is ACVR1.

Antigen: Synthesized peptide derived from the N-terminal region of human ALK-1.

Form:

How to use: 1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution: PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: