

Antibody Data

Product SKU:	CAB1791	Observed MW	65kDa
Applications:	WB	Calculated MW	56kDa
Reactivity:	Human, Mouse, Rat		

Immunogen Information:

Immunogen: Recombinant protein of human ACVRL1

Gene ID: 94

Swiss Prot: P37023

Synonyms: ACVRL1; ACVRLK1; ALK-1; ALK1; HHT; HHT2; ORW2; SKR3; TSR-I; activin A receptor like type 1

Product Information:

Source: Rabbit

Isotype: IgG

Purification Method: Affinity purification

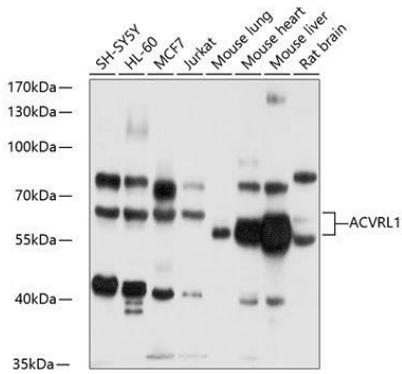
Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Recommended Dilution: WB 1:500 - 1:2000

Background:

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. 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.

Images:



Western blot analysis of extracts of various cell lines, using ACVRL1 antibody (CAB1791) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 30s.