

兔抗 ACVR1 多克隆抗体

中文名称：兔抗 ACVR1 多克隆抗体

英文名称：Anti-ACVR1 rabbit polyclonal antibody

级 别：FOP; ALK2; SKR1; TSRI; ACTRI; ACVR1A; ACVRLK2

相关类别：一抗

储 存：冷冻（-20℃）

宿 主：Rabbit

反应种属：Human, Mouse, Rat

标 记 物：Unconjugate

克隆类型：rabbit polyclonal

技术规格

Background:

Activins are dimeric growth and differentiation factors which belong to the transforming growth factor-beta (TGF-beta) superfamily of structurally related signaling proteins. Activins signal through a heteromeric complex of receptor serine kinases which include at least two type I (I and IB) and two type II (II and IIB) receptors. These receptors are all transmembrane proteins, composed of a ligand-binding extracellular domain with cysteine-rich region, a transmembrane domain, and a cytoplasmic domain with predicted serine/threonine specificity. Type I receptors are essential for signaling; and type II receptors are required for binding ligands and for expression of type I receptors. Type I and II receptors form a stable complex after ligand binding, resulting in phosphorylation of type I receptors by type II receptors. This gene encodes activin A type I receptor which signals a particular transcriptional response

	in concert with activin type II receptors. Mutations in this gene are associated with fibrodysplasia ossificans progressive.
Applications:	ELISA, WB
Name of antibody:	ACVR1
Immunogen:	Synthetic peptide of human ACVR1
Full name:	activin A receptor type I
Synonyms:	FOP; ALK2; SKR1; TSRI; ACTRI; ACVR1A; ACVRLK2
SwissProt:	Q04771
ELISA Recommended dilution:	2000-5000
WB Predicted band size:	57 kDa
WB Positive control:	NIH/3T3 and HUVEC cell lysates
WB Recommended dilution:	200-1000

