

ACVR1 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP06041
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized peptide derived from part region of human protein
Mol wt	N/A
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Activin receptor type-1
Synonyms	Activin receptor type-1 ;EC 2.7.11.30;Activin receptor type I;ACTR-I;Activin receptor-like kinase 2;ALK-2;Serine/threonine-protein kinase receptor R1;SKR1;TGF-B superfamily receptor type

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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

Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year