

## Anti-ACVR1, Biotinylated antibody (Internal) {Biotin} (STJ73238)

STJ73238

### GENERAL INFORMATION

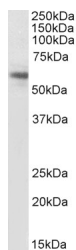
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Goat polyclonal antibody anti-ACVR1, Biotinylated (Internal) is suitable for use in ELISA and Western Blot research applications.
<b>Applications</b>	Pep-ELISA/WB
<b>Host/Source</b>	Goat
<b>Reactivity</b>	Human/Mouse/Rat/Dog

### PRODUCT PROPERTIES

<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	0.5 mg/mL
<b>Conjugation</b>	Biotin
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Dilution Range</b>	Peptide ELISA: antibody detection limit dilution 1:128000. WB: Approx 60kDa band observed in Human Umbilical Cord lysates (calculated MW of 57.2kDa according to NP_001096.1). See non-biotinylated parental product's datasheet for further QC data.
<b>Formulation</b>	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Store at -20°C on receipt and minimise freeze-thaw cycles.

### TARGET INFORMATION

<b>Gene ID</b>	90
<b>Gene Symbol</b>	ACVR1
<b>Uniprot ID</b>	ACVR1_HUMAN
<b>Immunogen</b>	
<b>Immunogen Region</b>	Internal
<b>Specificity</b>	Reported variants represent identical protein: NP_001096.1, NP_001104537.1
<b>Immunogen Sequence</b>	RKFKRRNQERLNPRD.



Biotinylated STJ73238 (0.1 µg/ml) staining of Human Umbilical Cord lysate (35 µg protein in RIPA buffer), exactly mirroring its parental non-biotinylated product. Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.