

Product datasheet for **TA340402**

Activin A Receptor Type 1C (ACVR1C) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-ACVR1C antibody: synthetic peptide directed towards the N terminal of human ACVR1C. Synthetic peptide located within the following region: QVFC HSSNNVTKTECCFTDFCNNITLHLPTASPNAPKLGPMELAIITVP
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	55 kDa
Gene Name:	activin A receptor type 1C
Database Link:	NP_660302 Entrez Gene 130399 Human Q8NER5



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Background:	ACVR1C is a type I receptor for the TGFB family of signaling molecules. Upon ligand binding, type I receptors phosphorylate cytoplasmic SMAD transcription factors, which then translocate to the nucleus and interact directly with DNA or in complex with other transcription factors. ACVR1C is a type I receptor for the TGFB (see MIM 190180) family of signaling molecules. Upon ligand binding, type I receptors phosphorylate cytoplasmic SMAD transcription factors, which then translocate to the nucleus and interact directly with DNA or in complex with other transcription factors (Bondestam et al., 2001 [PubMed 12063393]). [supplied by OMIM]
Synonyms:	ACVRLK7; ALK7
Note:	Immunogen Sequence Homology: Horse: 100%; Human: 100%; Bovine: 100%; Rabbit: 100%; Mouse: 93%; Rat: 86%; Dog: 83%; Pig: 81%; Guinea pig: 80%
Protein Families:	Druggable Genome, Protein Kinase, Transmembrane
Protein Pathways:	Adherens junction, Chronic myeloid leukemia, Colorectal cancer, Endocytosis, MAPK signaling pathway, Pancreatic cancer, Pathways in cancer, TGF-beta signaling pathway

Product images:

WB Suggested Anti-ACVR1C Antibody Titration:
0.2-1 ug/ml; ELISA Titer: 1: 312500; Positive
Control: Human brain