DNAxPAb | Hard-to-Find Antibody

ACVR1C DNAxPab

Catalog # H00130399-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human ACVR1C DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MTRALCSALRQALLLLAAAAELSPGLKCVCLLCDSSNFTCQTEGACWASVMLTNGKEQVIKSCV SLPELNAQVFCHSSNNVTKTECCFTDFCNNITLHLPTASPNAPKLGPMELAIITVPVCLLSIAAMLT VWACQGRQCSYRKKKRPNVEEPLSECNLVNAGKTLKDLIYDVTASGSGSGLPLLVQRTIARTIVLQ EIVGKGRFGEVWHGRWCGEDVAVKIFSSRDERYWFREAEIYQTVMLRHENILGFIAADNKDNGTW TQLWLVSEYHEQGSLYDYLNRNIVTMAGMIKLALSIASGLAHLHMEIVGTQGKPAIAHRDIKSKNILV KKCETCAIADLGLAVKHDSILNTIDIPQNPKVGTKRYMAPEMLDDTMNVNIFESFKRADIYSVGLVY WEIARRCSVGGIVEEYQLPYYDMVPSDPSIEEMRKVVCDQKFRPSIPNQWQSCEALRVMGRIMR ECWYANGAARLTALRIKKTISQLCVKEDCKA
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — ACVR1C

Entrez GeneID	130399
GeneBank Accession#	NM_145259.1
Protein Accession#	NP_660302.1
Gene Name	ACVR1C
Gene Alias	ACVRLK7, ALK7
Gene Description	activin A receptor, type IC
Omim ID	608981
Gene Ontology	Hyperlink
Gene Summary	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 fact ors (Bondestam et al., 2001 [PubMed 12063393]).[supplied by OMIM
Other Designations	activin receptor-like kinase 7

Pathway

- Adherens junction
- Chronic myeloid leukemia
- Colorectal cancer
- Cytokine-cytokine receptor interaction
- Endocytosis
- MAPK signaling pathway
- Pancreatic cancer
- Pathways in cancer

- TGF-beta signaling pathway

Disease

- Genetic Predisposition to Disease
- Obesity
- Ovarian Failure
- Polycystic Ovary Syndrome
- Puberty
- Thrombophilia
- Tobacco Use Disorder